

## 08OMB.P13 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 07/12	384,228	414,966	448,164	484,017	522,738	564,557	609,722	658,499	
Less 1% for discontinued continuation			2,241	4,840	5,227	5,646	6,097	6,585	
Less 10% for accelerated examination									
add back 20% of 5% of FY 09									
add back 20% of 5% of FY 10									
add back 20% of 5% of FY 11									
UPR Filings	414,966	445,923	479,176	517,511	558,911	603,624	651,914		
Less Abandonment Rate 1% during initial	4,150	4,459	4,792	5,175	5,589	6,036	6,519		
UPR Filings TO BE Examined	410,817	441,463	474,385	512,335	553,322	597,588	645,395		
<b>Examiner Hires:</b>									
Attrition rate:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
Overtime hours per examiner	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
Production Rates:									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
Efficiency Gains		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	<b>Production Units per examiner per grade per fiscal year</b>					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	55.9
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	4	6	17	28	34	40	
SP Quality Initiatives			55	43	31	31	32	35	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exm Tech Trng 8 hrs	7	6	6	6	7	10	12	14	
			158	152	157	176	190	206	
Allowance Rate	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	

SUMMARY FY 2005 ACTUAL DATA  
8/25/06 21:00 08OMB.P12

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	3,643	3,643	3,643	3,643	3,643	3,643	3,643	3,643
PROF W-Y	3,617	3,473	3,366	3,386	3,470	3,447	3,427	3,424
# HIRED	425	490	490	490	490	490	490	490
# ATTRITED	425	490	490	490	490	490	490	490
Net Positions	0	0	0	0	0	0	0	0
OVERTIME(K)	12,225	12,445	12,315	12,650	13,235	13,425	13,625	13,900
OT HOURS	278,669	277,852	269,298	270,935	277,637	275,837	274,144	279,678
# BOY NEW	499,656	593,696	724,196	896,142	1,100,321	1,337,044	1,618,234	1,946,716
TOTAL DTLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.41	12.36	12.34	12.35	12.35	12.34	12.34	12.33
RECEIPTS	384,228	414,966	445,923	479,176	517,511	558,911	603,624	651,914
RECEIPTS TO BE EXAMINED	384,228	410,817	441,463	474,385	512,335	553,322	597,588	645,395
REG PROD	268,437	258,841	248,798	249,415	254,348	251,044	248,162	246,332
TOT PROD	281,744	272,109	261,658	262,353	267,606	264,216	261,253	259,688
DISPOSALS	273,300	263,900	253,800	254,500	259,600	256,300	253,400	251,900
FIRST ACTS	290,187	280,318	269,517	270,206	275,612	272,132	269,105	267,476
PEND FA	21.1	22.7	25.9	29.5	33.2	37.0	41.2	45.4
PEND IS/AB	29.1	31.3	32.7	36.9	40.5	44.2	48.0	52.2
# SPE'S	280	280	280	280	280	280	280	280
#PAT'S PRTD	152104	152,240	146,564	145,370	147,723	147,028	145,313	144,257

## Replacement Examiner Hiring Levels

FY 07 Overtime 80 hours per examiner FTE (90)

FY 07/12 Limitation on Continuations - 1% reduction in filings

FY 06/12 Attrition rate 13%(10%/9%/8%/7%/7%/7%/7%)

FY 06/12 Filing rate 8%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

## 08OMB.P12 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012		
<b>Receipts:</b>										
UPR Filings growth @ 8% FY 07/12	384,228	414,966	448,164	484,017	522,738	564,557	609,722	658,499		
Less 1% for discontinued continuation			2,241	4,840	5,227	5,646	6,097	6,585		
Less 10% for accelerated examination										
add back 20% of 5% of FY 09										
add back 20% of 5% of FY 10										
add back 20% of 5% of FY 11										
UPR Filings	414,966	445,923	479,176	517,511	558,911	603,624	651,914			
Less-Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,150	4,459	4,792	5,175	5,589	6,036	6,519			
	410,817	441,463	474,385	512,335	553,322	597,588	645,395			
Examiner Hires:	425	490	490	490	490	490	490	490		
Attrition rate:	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%		
Overtime hours per examiner	80	78	77	76	76	76	76	75		
<b>Production Rates:</b>										
Total complexity factor	-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%			
Efficiency Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
FY 04	FY 05	2-YR Avg								
Actual	Actual	of Actual	<b>Production Units per examiner per grade per fiscal year</b>							
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8	23.7
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2	30.1
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0	45.7
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1	55.9
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0	64.7
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0	76.7
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1	86.6
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2	96.7
<b>Patent Cooperation Treaty (PCT):</b>										
PCT Chapter I PUs redirected (paralegal)										
Chap I reduction 25%-07 50%-08 75%-09/12										
Chap II reduction 25%-08 50%-09/12										
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507		
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268		
Examiner FTE	158	165	160	118	71	74	77	81		
<b>Examiner FTE lost/taken out of the examining corps:</b>										
Part-time	44	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34	40		
SP Quality Initiatives			112	127	72	74	76	77		
New Hire Trainers	5	15	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53	58		
Exm'r Tech Trng & Ivs	7	6	6	6	7	10	12	14		
Allowance Rate	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%		

SUMMARY FY 2005 ACTUAL DATA  
8/25/06 20:00 08OMB.P11

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,268	5,724	6,135	6,502	6,828	7,118
PROF W-Y	3,804	4,197	4,650	5,161	5,681	6,048	6,377	6,683
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	639	709	758	804	849	888
Net Positions	534	641	561	491	442	396	351	312
OVERTIME(K)	12,225	14,795	16,587	18,555	20,583	22,373	24,085	25,432
OT HOURS	278,669	330,329	362,715	397,408	431,781	459,687	484,607	511,710
# BOY NEW	508,878	586,599	693,132	805,587	916,176	1,025,112	1,143,550	1,274,741
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.27	11.32	11.38	11.46	11.55
RECEIPTS	384,228	414,966	445,923	474,740	507,971	543,529	581,576	622,287
RECEIPTS TO BE EXAMINED	384,228	410,817	441,463	469,992	502,892	538,094	575,761	616,064
REG PROD	275,008	285,467	302,133	329,924	361,909	385,526	408,493	431,177
TOT PROD	288,315	301,242	319,454	348,902	382,528	407,478	431,635	455,613
DISPOSALS	279,345	298,200	309,900	338,400	371,100	395,300	418,700	441,900
FIRST ACTS	297,285	304,284	329,008	359,404	393,956	419,655	444,571	469,327
PEND FA	21.1	22.0	23.3	24.9	26.0	27.0	28.1	29.2
PEND IS/AB	29.1	31.3	32.0	34.3	35.9	37.0	38.0	39.1
# SPE'S	294	365	405	440	471	500	525	547
#PATS PRTD	152104	160,000	175,549	189,454	207,563	222,608	236,103	249,397

1,200 Examiner Hiring Levels  
FY 07 Overtime 80 hours per examiner FTE (90)  
FY 07/12 Limitation on Continuations - 1% reduction in filings

FY 06/12 Attrition rate 13%(10%/9%/8%/7%/7%/7%/7%)

FY 06/07 Filing rate 8% - FY 08/12 7%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

## 08OMB.P11 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 07/08 - 7% FY 08/12	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573	
Less 1% for discontinued continuation			2,241	4,795	5,131	5,490	5,875	6,286	
Less 10% for accelerated examination									
add back 20% of 5% of FY 09									
add back 20% of 5% of FY 10									
add back 20% of 5% of FY 11									
UPR Filings	414,966	445,923	474,740	507,971	543,529	581,576	622,287		
Less Abandonment Rate 1% during initial	4,150	4,459	4,747	5,080	5,435	5,816	6,223		
UPR Filings TO BE Examined	410,817	441,463	469,992	502,892	538,094	575,761	616,064		
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
Attrition rate:	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
Overtime hours per examiner	80	78	77	76	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor	-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%		
Efficiency Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	96.7
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	5	6	17	28	34	40	
SP Quality Initiatives			112	127	72	74	76	77	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exam Tech Trng & hrs	7	6	6	6	7	10	12	14	
Allowance Rate	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	

SUMMARY FY 2005 ACTUAL DATA  
8/18/06 11:00 08OMB.P10

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,315	5,818	6,267	6,680	7,048	7,377
PROF W-Y	3,804	4,197	4,672	5,230	5,793	6,202	6,575	6,921
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	588	658	717	756	805	846
Net Positions	534	641	612	542	483	444	395	354
OVERTIME(K)	12,225	14,795	17,100	19,500	22,100	24,150	26,140	28,100
OT HOURS	278,669	330,329	373,933	417,648	463,603	496,198	525,955	565,392
# BOY NEW	508,878	586,599	693,132	803,409	908,026	1,007,038	1,112,020	1,225,926
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.28	11.35	11.41	11.5	11.6
RECEIPTS	384,228	414,966	445,923	474,740	507,971	543,529	581,576	622,287
RECEIPTS TO BE EXAMINED	384,228	410,817	441,463	469,992	502,892	538,094	575,761	616,064
REG PROD	275,008	285,467	303,636	334,792	369,951	396,810	423,260	449,208
TOT PROD	288,315	301,242	321,493	354,737	392,090	420,506	448,377	476,208
DISPOSALS	279,345	298,200	311,800	344,100	380,300	407,900	434,900	461,900
FIRST ACTS	297,285	304,284	331,186	365,374	403,881	433,112	461,854	490,516
PEND FA	21.1	22.0	23.3	24.7	25.5	26.3	27.0	27.8
PEND IS/AB	29.1	31.3	32.0	34.3	35.7	36.5	37.3	38.0
# SPE'S	294	365	409	448	482	513	540	565
#PATS PRTD	152104	160,000	176,365	192,183	212,327	229,331	244,855	260,294

1,200 Examiner Hiring Levels

FY 07 Overtime 80 hours per examiner FTE (90)

No Efficiency gains from outsourcing the search

FY 07/12 Limitation on continuations - 1% reduction in filings

FY 07/12 Attrition rate 12%(10%/9%/8%/7%/7%/7%)

FY 07 Filing rate 8% - FY 08/12 7%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PCT Outsourced Savings FY 07/12

1% Application Abandonments from OIPE

## 08OMB.P10 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012
<b>Receipts:</b>								
UPR Filings growth @ 8% FY 07/08 - 7% FY 08/12	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573
Less 1% for discontinued continuation			2,241	4,795	5,131	5,490	5,875	6,286
Less 10% for accelerated examination								
add back 20% of 5% of FY 09								
add back 20% of 5% of FY 10								
add back 20% of 5% of FY 11								
UPR Filings	414,966	445,923	474,740	507,971	543,529	581,576	622,287	
Less Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,150	4,459	4,747	5,080	5,435	5,816	6,223	
	410,817	441,463	469,992	502,892	538,094	575,761	616,064	
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Attrition rate:	10%	13.0%	12.2%	12.3%	12.4%	12.5%	12.6%	12.6%
Overtime hours per examiner	80	78	77	76	76	76	76	75
<b>Production Rates:</b>								
Total complexity factor	-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
Efficiency Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FY 04	FY 05	2-YR Avg					
	Actual	Actual	of Actual					
Production Units per examiner per grade per fiscal year								
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7
Total PCT PU savings								
	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268
Examiner FTE	158	165	160	118	71	74	77	81
Examiner FTE lost/taken out of the examining corps:								
Part-time	44	44	44	44	44	44	44	44
Quality initiatives	12	5	5	6	17	28	34	40
SP Quality Initiatives			112	127	72	74	76	77
New Hire trainers	5	15	15	15	15	15	15	15
CLE Training	8	29	34	38	43	48	53	58
Exm. Tech Trng & hrs	7	6	6	6	7	10	12	14
Allowance Rate	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%

SUMMARY FY 2005 ACTUAL DATA  
8/11/06 11:00 08OMB.P9

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,340	5,947	6,497	6,994	7,458	7,879
PROF W-Y	3,804	4,197	4,684	5,302	5,968	6,470	6,934	7,373
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	562	545	608	664	702	746
Net Positions	534	641	638	655	592	536	498	454
OVERTIME(K)	12,225	14,795	16,420	19,062	21,625	23,935	26,200	28,050
OT HOURS	278,669	330,329	359,064	408,267	453,639	491,781	527,162	564,386
# BOY NEW	508,878	586,599	693,132	805,453	909,872	940,501	966,420	990,345
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.3	11.38	11.46	11.56	11.68
RECEIPTS	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573
RECEIPTS TO BE EXAMINED	384,228	410,817	443,682	474,740	447,015	478,814	512,839	549,245
REG PROD	275,008	285,467	304,534	340,014	382,580	416,213	449,533	482,865
TOT PROD	288,315	301,242	321,681	359,511	404,243	439,698	474,707	509,817
DISPOSALS	279,345	298,200	312,000	348,700	392,100	426,500	460,500	494,500
FIRST ACTS	297,285	304,284	331,361	370,321	416,385	452,895	488,915	525,135
PEND FA	21.1	22.0	23.3	24.9	26.1	25.7	24.7	23.7
PEND IS/AB	29.1	31.3	32.0	34.3	35.9	37.1	36.7	35.7
# SPE'S	294	365	410	458	500	539	573	606
#PATS PRTD	152,104	160,000	179,592	198,421	221,761	242,452	261,941	281,642

1,200 Examiner Hiring Levels

FY 07 Overtime 80 hours per examiner FTE (90)

No Efficiency gains from outsourcing the search

2% reduction in filings from continuation limitations starting in FY 09

10% reduction in filings from deferred examination starting in FY 09

FY 06/12 Attrition rate 13%/11.5%/10%/10%/10%/10% (10%/9%/8%/7%/7%/7%)

FY 06/07 Filing rate 8% - FY 08/12 7%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

## 08OMB.P9 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 06/07 - 7% FY 08/12	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573	
Less 2% for discontinued continuation					10,262	10,980	11,749	12,571	
Less 10% for accelerated examination					51,310	54,902	58,745	62,857	
add back 20% of 5% of FY 09						513	513	513	
add back 20% of 5% of FY 10							549	549	
add back 20% of 5% of FY 11								587	
UPR Filings	414,966	448,164	479,535	451,530	483,650	518,019	554,793		
Less Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,150	4,482	4,795	4,515	4,837	5,180	5,548		
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
Attrition rate:	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
Target Attrition Rate:			10.2%	10.3%	10.4%	10.5%	10.6%	10.6%	
Overtime hours per examiner	80	78	77	76	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor	-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%		
Efficiency Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	5	6	17	28	34	40	
SP Quality Initiatives			112	127	72	74	76	77	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Surf Tech Tmp 8 hrs	7	6	6	6	7	10	12	14	
Allowance Rate	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	

SUMMARY FY 2005 ACTUAL DATA  
8/11/06 11:00 08OMB.P6

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,340	5,947	6,497	6,994	7,458	7,879
PROF W-Y	3,804	4,197	4,684	5,302	5,968	6,470	6,934	7,373
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	562	545	608	664	702	746
Net Positions	534	641	638	655	592	536	498	454
OVERTIME(K)	12,225	14,795	16,420	19,062	21,625	23,935	26,200	28,050
OT HOURS	278,669	330,329	359,064	408,267	453,639	491,781	527,162	564,386
# BOY NEW	508,878	586,599	693,132	805,453	900,377	931,006	956,925	980,850
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.3	11.38	11.46	11.56	11.68
RECEIPTS	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573
RECEIPTS TO BE EXAMINED	384,228	410,817	443,682	465,245	447,015	478,814	512,839	549,245
REG PROD	275,008	285,467	304,534	340,014	382,580	416,213	449,533	482,865
TOT PROD	288,315	301,242	321,681	359,511	404,243	439,698	474,707	509,817
DISPOSALS	279,345	298,200	312,000	348,700	392,100	426,500	460,500	494,500
FIRST ACTS	297,285	304,284	331,361	370,321	416,385	452,895	488,915	525,135
PEND FA	21.1	22.0	23.3	24.7	25.9	25.5	24.5	23.5
PEND IS/AB	29.1	31.3	32.0	34.3	35.7	36.9	36.5	35.5
# SPE'S	294	365	410	458	500	539	573	606
#PAT'S PRTD	152104	160,000	179,592	198,421	221,761	242,452	261,941	281,642

1,200 Examiner Hiring Levels

FY 07 Overtime 80 hours per examiner FTE (90)

No Efficiency gains from outsourcing the search

2% reduction in filings from continuation limitations starting in FY 08

10% reduction in filings from deferred examination starting in FY 09

FY 06/12 Attrition rate 13%/11.5%/10%/10%/10%/10% (10%/9%/8%/7%/7%/7%)

FY 06/07 Filing rate 8% - FY 08/12 7%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

## 08OMB.P6 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012
<b>Receipts:</b>								
UPR Filings growth @ 8% FY 06/07 - 7% FY 08/12	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573
Less 2% for discontinued continuation				9,591	10,262	10,980	11,749	12,571
Less 10% for accelerated examination					51,310	54,902	58,745	62,857
add back 20% of 5% of FY 09						513	513	513
add back 20% of 5% of FY 10							549	549
add back 20% of 5% of FY 11								587
UPR Filings	414,966	448,164	469,944	451,530	483,650	518,019	554,793	
Less Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,150	4,482	4,699	4,515	4,837	5,180	5,548	
	410,817	443,682	465,245	447,015	478,814	512,839	549,245	
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Attrition rate:	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%
Target Attrition Rate:			10.2%	10.3%	10.4%	10.5%	10.6%	10.6%
Overtime hours per examiner	80	78	77	76	76	76	76	75
<b>Production Rates:</b>								
Total complexity factor	-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
Efficiency Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	FY 04	FY 05	2-YR Avg					
	Actual	Actual	of Actual					
Production Units per examiner per grade per fiscal year								
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7
<b>Patent Cooperation Treaty (PCT):</b>								
PCT Chapter I PUs redirected (paralegal)								
Chap I reduction 25%-07 50%-08 75%-09/12								
Chap II reduction 25%-08 50%-09/12								
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268
Examiner FTE	158	165	160	118	71	74	77	81
<b>Examiner FTE lost/taken out of the examining corps:</b>								
Part-time	44	44	44	44	44	44	44	44
Quality initiatives	12	5	5	6	17	28	34	40
SP Quality Initiatives				112	127	72	74	77
New Hire trainers	5	15	15	15	15	15	15	15
CLE Training	8	29	34	38	43	48	53	58
Extr. Tech Trng 6 hrs	7	6	6	6	7	10	12	14
Allowance Rate	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%

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SUMMARY FY 2005 ACTUAL DATA  
5/28/06 12:30 08OMB.P2

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,562	5,102	5,597	6,050	6,464	6,843	7,190
PROF W-Y	3,804	4,129	4,603	5,157	5,662	6,076	6,457	6,818
# HIRED	959	1,000	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	559	418	467	512	554	592	626
Net Positions	534	441	582	533	488	446	408	374
OVERTIME(K)	12,225	14,795	16,840	19,263	21,594	23,659	25,671	27,675
OT HOURS	278,669	330,329	368,255	412,579	452,986	486,119	516,519	556,850
# BOY NEW	508,878	586,599	696,362	806,015	894,564	983,126	1,080,167	1,189,822
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.66	11.53	11.54	11.62	11.69	11.78	11.88
RECEIPTS	384,228	414,966	448,164	464,656	501,828	541,975	585,333	632,159
RECEIPTS TO BE EXAMINED	384,228	410,817	443,682	459,816	496,601	536,329	579,235	625,574
REG PROD	275,008	283,852	306,678	340,782	374,537	403,280	431,224	458,678
TOT PROD	288,315	299,627	324,264	360,484	396,169	426,494	455,890	485,270
DISPOSALS	279,345	298,200	314,500	349,700	384,300	413,700	442,200	470,700
FIRST ACTS	297,285	301,054	334,029	371,267	408,039	439,288	469,579	499,839
PEND FA	21.1	22.0	23.3	24.0	24.8	25.7	26.1	26.7
PEND IS/AB	29.1	31.3	32.0	33.3	34.0	34.8	35.7	36.1
# SPE'S	294	350	392	430	465	497	526	553
#PATS PRTD	152104	160,000	177,526	194,980	214,842	232,392	248,817	265,114

## 1,000 Examiner Hiring Levels

Overtime 80 hours per examiner FTE (90)

No Efficiency gains from outsourcing the search

FY 06/12 Attrition rate 13%/9%/9%/9%/9%/9%/9% (10%/9%/8%/7%/7%/7%/7%)

FY 08/12 Claims/Continuations at 4% reduction in filings

FY 06/12 Filing rate 8% (FY 07/11 - 7%)

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PGPub Outsourced Savings FY 06/12

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 08OMB.P2 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012
<b>Receipts:</b>								
UPR Filings growth @ 8% FY 05/12	384,228	414,966	448,164	484,017	522,738	564,557	609,722	658,499
Less 4% for discontinued continuation				19,361	20,910	22,582	24,389	26,340
UPR Filings				464,656	501,828	541,975	585,333	632,159
Less Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,150	4,482	4,840	5,227	5,646	6,097	6,585	
	410,817	443,682	459,816	496,601	536,329	579,235	625,574	
Examiner Hires:	959	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	10%	13%	9%	9%	9%	9%	9%	9%
<b>Production Rates:</b>								
Total complexity factor	-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
Efficiency Gains	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FY 04	FY 05	2-YR Avg						
Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7
								97.2
								96.7
<b>Patent Cooperation Treaty (PCT):</b>								
PCT Chapter I PUs redirected (paralegal)								
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268
Examiner FTE	158	165	160	118	71	74	77	81
Competitive Sourcing:	0	35	37	39	42	44	47	50
PGPub FTE redirected to examination								
Overtime:	86	85	80	80	80	80	80	80
Overtime hours per examiner FTE								
<b>Examiner FTE lost/taken out of the examining corps:</b>								
Part-time	44	44	44	44	44	44	44	44
Quality initiatives	12	5	5	6	17	28	34	40
New Hire trainers	5	15	15	15	15	15	15	15
CLE Training	8	29	34	38	43	48	53	58
Exer. Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12	14
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY FY 2006 ACTUAL DATA  
4/3/07 12:15 08CONG.P16

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	5,970	6,487	6,953	7,374	7,751
PROF W-Y	3,804	4,444	4,788	5,411	5,992	6,471	6,907	7,299
# HIRED	959	1,193	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	510	511	580	643	699	749	793
Net Positions	534	683	689	620	557	501	451	407
OVERTIME(K)	12,225	15,031	17,520	20,215	22,900	25,200	27,500	29,630
OT HOURS	278,669	341,760	383,118	432,962	480,386	517,772	553,319	596,177
# BOY NEW	508,878	574,922	674,333	789,434	893,580	994,654	1,101,400	1,218,269
TOTAL DTLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.54	11.63	11.73	11.84	11.94
RECEIPTS TO BE EXAMINED	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100
REG PROD	275,008	298,937	313,578	357,503	396,707	430,862	464,127	495,194
TOT PROD	288,315	315,019	331,607	377,877	419,313	455,227	490,165	523,249
DISPOSALS	279,345	309,689	324,975	370,300	410,900	446,100	480,400	512,800
FIRST ACTS	297,285	320,349	338,239	385,454	427,725	464,355	499,931	533,698
PEND FA	21.1	22.6	23.7	23.9	24.1	24.6	25.2	25.8
PEND IS/AB	29.1	31.1	33.0	34.7	34.9	35.1	35.6	36.2
# SPE'S	294	365	415	460	500	535	565	595
#PATS PRTD	152,104	164,115	177,397	188,903	210,849	230,071	248,232	265,524

1,200 Examiner Hiring Levels  
FY 07 Overtime 80 hours per examiner FTE  
FY 08/12 2% efficiency for Claims  
FY 08/12 allowance rate is 54%

FY 07/12 Attrition rate 10%  
FY 07/12 Filing rate 8%  
Chap I reduction 25%-07 50%-08 75%-09/12  
Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor  
PCT Outsourced Savings FY 07/12  
1% Application Abandonments from OIPE

## 08CONG.P16 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012				
<b>Receipts:</b>												
UPR Filings growth @ 8% FY 07/12												
UPR Filings	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100				
Less 1% for discontinued continuation												
Less 10% for accelerated examination												
add back 20% of 5% of FY 09												
add back 20% of 5% of FY 10												
add back 20% of 5% of FY 11												
UPR Filings		419,760	453,340	489,600	528,800	571,100	616,800	666,100				
Less Abandonment Rate 1% during initial	4,198	4,533	4,896	5,288	5,711	6,168	6,661					
UPR Filings TO BE Examined	415,562	448,807	484,704	523,512	565,389	610,632	659,439					
Examiner Hires: 959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200				
Attrition rate: 10.6%	10%	10%	10%	10%	10%	10%	10%	10%				
Overtime hours per examiner	80	80	80	80	80	80	80	80				
<b>Production Rates:</b>												
Total complexity factor		-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%					
Efficiency Gains	0.0	0.0	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%				
FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year									
Actual	Actual	Actual	GS-5	25.4	24.1	25.1	24.8	25.2	25.1	25.0	24.8	24.7
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	34.1	33.9	33.9	33.8	33.6	
GS-9	50.4	45.3	49.9	49.9	50.1	49.9	49.9	49.6	49.4	49.4	49.1	
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	53.1	52.8	52.6	52.6	52.3	
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	65.6	65.3	64.9	64.6		
GS-13	81	79.4	77.0	77.0	76.2	77.4	77.0	76.6	76.2	75.8		
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	87.9	87.4	87.0	86.6		
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	92.3	91.8	91.4	90.9		
<b>Patent Cooperation Treaty (PCT):</b>												
PCT Chapter I PUs redirected (paralegal)												
Chap I reduction 25%-07 50%-08 75%-09/12												
Chap II reduction 25%-08 50%-09/12												
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551				
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733				
Examiner FTE	158	144	133	97	56	59	62	65				
<b>Examiner FTE lost/taken out of the examining corps:</b>												
Part-time	44	44	44	44	44	44	44	44				
Quality initiatives	12.7	0	0	11	22	27	27	28				
SP Quality Initiatives		19	39	34	34	34	34	34				
New Hire trainers	29	15	15	15	15	15	15	15				
CLE Training	2	4	6	8	10	12	12	14				
Exmr Tech Trng 8 hrs	20	3	6	9	11	13	13	15				
Allowance Rate	53.6%	60.0%	54.0%	54.0%	54.0%	54.0%	54.0%	54.0%				

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation  
New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech Trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
3/29/07 12:15 08CONG.P15

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	5,970	6,487	6,953	7,374	7,751
PROF W-Y	3,804	4,444	4,788	5,411	5,992	6,471	6,907	7,299
# HIRED	959	1,193	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	510	511	580	643	699	749	793
Net Positions	534	683	689	620	557	501	451	407
OVERTIME(K)	12,225	15,031	17,520	20,215	22,900	25,200	27,500	29,630
OT HOURS	278,669	341,760	383,118	432,962	480,386	517,772	553,319	596,177
# BOY NEW	508,878	574,922	674,333	789,434	893,580	994,654	1,101,400	1,218,269
TOTAL DTLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.54	11.63	11.73	11.84	11.94
RECEIPTS TO BE EXAMINED	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100
REG PROD	275,008	298,937	313,578	357,503	396,707	430,862	464,127	495,194
TOT PROD	288,315	315,019	331,607	377,877	419,313	455,227	490,165	523,249
DISPOSALS	279,345	309,689	324,975	370,300	410,900	446,100	480,400	512,800
FIRST ACTS	297,285	320,349	338,239	385,454	427,725	464,355	499,931	533,698
PEND FA	21.1	22.6	23.7	23.9	24.1	24.6	25.2	25.8
PEND IS/AB	29.1	31.1	33.0	34.7	34.9	35.1	35.6	36.2
# SPE'S	294	365	415	460	500	535	565	595
#PATS PRTD	152104	164,115	177,397	202,895	226,467	247,113	266,619	285,192

1,200 Examiner Hiring Levels  
FY 07 Overtime 80 hours per examiner FTE  
FY 08/12 2% efficiency for Claims

FY 07/12 Attrition rate 10%  
FY 07/12 Filing rate 8%  
Chap I reduction 25%-07 50%-08 75%-09/12  
Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor  
PCT Outsourced Savings FY 07/12  
1% Application Abandonments from OIPE

## 08CONG.P15 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012				
<b>Receipts:</b>												
UPR Filings growth @ 8% FY 07/12												
UPR Filings	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100				
Less 1% for discontinued continuation												
Less 10% for accelerated examination												
add back 20% of 5% of FY 09												
add back 20% of 5% of FY 10												
add back 20% of 5% of FY 11												
UPR Filings		419,760	453,340	489,600	528,800	571,100	616,800	666,100				
Less Abandonment Rate 1% during initial	4,198	4,533	4,896	5,288	5,711	6,168	6,661					
UPR Filings TO BE Examined	415,562	448,807	484,704	523,512	565,389	610,632	659,439					
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200				
Attrition rate:	10.6%	10%	10%	10%	10%	10%	10%	10%				
Overtime hours per examiner		80	80	80	80	80	80	80				
<b>Production Rates:</b>												
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%				
Efficiency Gains		0.0	0.0	2.0%	2.0%	2.0%	2.0%	2.0%				
FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year									
Actual	Actual	Actual	CS-5	25.4	24.1	25.1	24.8	25.2	25.1	25.0	24.8	24.7
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	34.1	34.1	33.9	33.8	33.6	
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	49.9	49.9	49.6	49.4	49.1	
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	53.1	53.1	52.8	52.6	52.3	
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	65.6	65.6	65.3	64.9	64.6	
GS-13	81	79.4	77.0	77.0	76.2	77.4	77.0	77.0	76.6	76.2	75.8	
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	87.9	87.9	87.4	87.0	86.6	
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	92.3	92.3	91.8	91.4	90.9	
<b>Patent Cooperation Treaty (PCT):</b>												
PCT Chapter I PUs redirected (paralegal)												
Chap I reduction 25%-07 50%-08 75%-09/12												
Chap II reduction 25%-08 50%-09/12												
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551				
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733				
Examiner FTE	158	144	133	97	56	59	62	65				
<b>Examiner FTE lost/taken out of the examining corps:</b>												
Part-time		44	44	44	44	44	44	44				
Quality initiatives		12.7	0	0	11	22	27	28				
SP Quality Initiatives			19	39	34	34	34	34				
New Hire Trainers		29	15	15	15	15	15	15				
CLE Training		2	4	6	8	10	12	14				
Exmr tech Trng 8 hrs		20	3	6	9	11	13	15				
Allowance Rate		53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%				

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation  
New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech Trng is 8 hours per examiner over FY 06 base.

**SUMMARY FY 2006 ACTUAL DATA**  
 3/12/07 17:15 08CONG.P13 Patentability Reports 15% Efficiency Gain

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	6,156	6,841	7,457	8,012	8,516
PROF W-Y	3,804	4,444	4,788	5,466	6,226	6,864	7,442	7,968
# HIRED	959	1,193	1,200	1,400	1,400	1,400	1,400	1,400
# ATTRITED	425	510	511	580	663	737	802	857
Net Positions	534	683	689	820	737	663	598	543
OVERTIME(K)	12,225	15,031	17,520	25,500	29,700	33,400	37,000	40,400
OT HOURS	278,669	341,760	383,118	546,155	623,033	686,254	744,466	812,877
# BOY NEW	508,878	574,922	674,333	789,057	896,010	909,133	818,292	725,561
TOTAL D'TLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.48	11.49	11.57	11.68	11.8
RECEIPTS	384,228	419,760	457,538	448,845	489,241	533,273	581,268	633,582
RECEIPTS TO BE EXAMINED	384,228	419,760	452,963	493,730	489,857	482,240	562,555	627,246
REG PROD	275,008	298,937	313,578	353,537	438,048	529,597	607,410	657,231
TOT PROD	288,315	315,019	331,607	379,238	467,367	561,891	642,443	695,484
DISPOSALS	279,345	309,689	324,975	371,700	458,000	550,700	629,600	681,600
FIRST ACTS	297,285	320,349	338,239	386,777	476,733	573,081	655,286	709,367
PEND FA	21.1	22.6	23.7	23.7	23.8	21.9	17.0	15.2
PEND IS/AB	29.1	31.1	33.0	34.7	34.7	34.8	32.9	28.0
# SPE'S	294	365	415	474	526	573	616	655
#PATS PRTD	152104	164,115	177,397	203,493	246,669	298,147	344,662	377,816

FY 09 Claims Continuations and IDS 2%

Renegotiate bonus FY 10/12 2%

FY 08/10 Flat goal .5% FY 11/12 5%

1,400 Examiner Hiring Levels

FY 08/12 Overtime 100 hours per examiner FTE for lap top pilot and Hoteling

FY 09 - 7.5% / FY 10/12 - 15% (Total) Efficiency Gain

FY 09 5% - FY 10/12 10% Application Filing Drop Out Rate

FY 09/10/11 - One Time 10% Inventory Drop Out reduced over 3 years

FY 07/12 Attrition rate 11%

FY 07/12 Filing rate 9%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PCT Outsourced Savings FY 07/12

1% Application Abandonments from OIPE

## 08CONG.P13 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012		
<b>Receipts:</b>										
UPR Filings growth @ 9% FY 07/12	384,228	419,760	457,538	498,717	543,601	592,525	645,853	703,980		
Less FY 09 5%-FY 10/12 10% for Drop										
Less 10% of FY 08 Backlog (800K) 80K total Based on 10% of FAs until reduction is met					21,400	45,700	12,900			
UPR Filings	419,760	457,538	498,717	516,421	533,273	581,268	633,582			
Less Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,198	4,575	4,987	5,164	5,333	5,813	6,336			
	415,562	452,963	493,730	489,857	482,240	562,555	627,246			
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200		
Attrition rate:	10.6%	10%	11%	11%	11%	11%	11%	11%		
Overtime hours per examiner		80	80	80	80	80	80	80		
<b>Production Rates:</b>										
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%		
Efficiency Gains	0.0	0.0	0.5%	10.0%	20.0%	25.0%	25.0%			
	FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year						
GS-5	25.4	24.1	26.1	25.1	24.8	27.1	29.5	30.8	30.7	
GS-7	31.5	31.4	34.1	34.1	33.8	33.8	40.1	41.9	41.7	
GS-9	50.4	45.3	49.9	49.9	49.4	49.4	53.8	58.6	61.3	61.0
GS-11	62.7	54.2	53.1	53.1	52.6	52.6	57.3	62.4	66.2	64.9
GS-12	68.3	67.1	65.6	65.6	64.9	64.9	70.8	77.1	80.5	80.1
GS-13	81	79.4	77.0	77.0	76.2	76.2	83.1	90.5	94.5	94.1
GS-14	91.5	89.8	87.9	87.9	87.0	87.0	94.8	103.3	107.9	107.4
GS-15	103.1	99.3	92.3	92.3	91.4	91.4	99.6	108.5	113.3	112.8
<b>Patent Cooperation Treaty (PCT):</b>										
PCT Chapter I PUs redirected (paralegal)										
Chap I reduction 25%-07 50%-08 75%-09/12										
Chap II reduction 25%-08 50%-09/12										
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551		
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733		
Examiner FTE	158	144	133	97	56	59	62	65		
<b>Examiner FTE lost/taken out of the examining corps:</b>										
Part-time		44	44	44	44	44	44	44		
Quality Initiatives		12.7	0	0	11	22	27	28		
SP Quality Initiatives			19	39	34	34	34	34		
New Hire trainers		29	15	15	15	15	15	15		
CLE Training		2	4	6	8	10	12	14		
Exmr tech trng hrs		20	3	6	9	11	13	15		
Allowance Rate		53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%		

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
3/20/07 12:15 08CONG.P12

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	6,156	6,841	7,457	8,012	8,516
PROF W-Y	3,804	4,444	4,788	5,466	6,226	6,864	7,442	7,968
# HIRED	959	1,193	1,200	1,400	1,400	1,400	1,400	1,400
# ATTRITED	425	510	511	580	663	737	802	857
Net Positions	534	683	689	820	737	663	598	543
OVERTIME(K)	12,225	15,031	17,520	25,500	29,700	33,400	37,000	40,400
OT HOURS	278,669	341,760	383,118	546,155	623,033	686,254	744,466	812,877
# BOY NEW	508,878	574,922	674,333	789,434	892,257	975,041	1,044,558	1,088,033
TOTAL D'TLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.48	11.49	11.57	11.68	11.8
RECEIPTS TO BE EXAMINED	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100
REG PROD	275,008	298,937	313,578	353,537	407,989	459,447	527,080	570,117
TOT PROD	288,315	315,019	331,607	379,238	437,308	491,741	562,113	608,370
DISPOSALS	279,345	309,689	324,975	371,700	428,600	481,900	550,900	596,200
FIRST ACTS	297,285	320,349	338,239	386,777	446,016	501,583	573,325	620,540
PEND FA	21.1	22.6	23.7	24.4	24.6	23.4	22.7	21.9
PEND IS/AB	29.1	31.1	33.0	34.7	35.4	35.6	34.4	33.7
# SPE'S	294	365	415	474	526	573	616	655
#PATS PRTD	152104	164,115	177,397	203,493	234,182	264,802	301,585	330,504

1,400 Examiner Hiring Levels

FY 08 Overtime 100 hours per examiner FTE

Gains from Lap Top Pilot and Hoteling - Starting in FY 07

Flat Goal Pilot/Claims Continuations & IDS/Examiner Bonus Structure - Starting in FY 08

Hire Attorney's Nationwide - FY 08

FY 07/12 Attrition rate 10%

FY 07/12 Filing rate 8%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PCT Outsourced Savings FY 07/12

1% Application Abandonments from OIPE

## 08CONG.P12 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012
<b>Receipts:</b>								
UPR Filings growth @ 8% FY 07/12								
UPR Filings	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100
Less 1% for discontinued continuation								
Less 10% for accelerated examination								
add back 20% of 5% of FY 09								
add back 20% of 5% of FY 10								
add back 20% of 5% of FY 11								
UPR Filings		419,760	453,340	489,600	528,800	571,100	616,800	666,100
Less Abandonment Rate 1% during initial	4,198	4,533	4,896	5,288	5,711	6,168	6,661	
UPR Filings TO BE Examined	415,562	448,807	484,704	523,512	565,389	610,632	659,439	
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Attrition rate:	10.6%	10%	10%	10%	10%	10%	10%	10%
Overtime hours per examiner		80	80	80	80	80	80	80
<b>Production Rates:</b>								
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%
Efficiency Gains		0.0	0.0	0.5%	2.5%	4.5%	9.5%	9.5%
	FY 04	FY 05	FY 06					
	Actual	Actual	Actual					
Production Units per examiner per grade per fiscal year								
GS-5	25.4	24.1	25.1	25.1	24.8	24.8	25.2	25.6
GS-7	31.5	31.4	34.1	34.1	33.8	33.8	34.3	34.8
GS-9	50.4	45.3	49.9	49.9	49.4	49.4	50.1	50.9
GS-11	62.7	54.2	53.1	53.1	52.6	52.6	53.4	54.1
GS-12	68.3	67.1	65.6	65.6	64.9	64.9	65.9	66.9
GS-13	81	79.4	77.0	77.0	76.2	76.2	77.4	78.5
GS-14	91.5	89.8	87.9	87.9	87.0	87.0	88.3	89.6
GS-15	103.1	99.3	92.3	92.3	91.4	91.4	92.7	94.1
								98.3
								97.8
<b>Patent Cooperation Treaty (PCT):</b>								
PCT Chapter I PUs redirected (paralegal)								
Chap I reduction 25%-07 50%-08 75%-09/12								
Chap II reduction 25%-08 50%-09/12								
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733
Examiner FTE	158	144	133	97	56	59	62	65
<b>Examiner FTE lost/taken out of the examining corps:</b>								
Part-time		44	44	44	44	44	44	44
Quality initiatives		12.7	0	0	11	22	27	28
SP Quality Initiatives			18	39	34	34	34	34
New Hire Trainers		29	15	15	15	15	15	15
CLE Training		2	4	6	8	10	12	14
Exmr Tech Trng E hrs		20	3	6	9	11	13	15
Allowance Rate		53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire Trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
 3/5/07 17:15 08CONG.P3 Patentability Reports

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,779	5,395	5,922	6,416	6,857	7,251	7,605
PROF W-Y	3,804	4,444	4,788	5,378	5,935	6,389	6,798	7,168
# HIRED	959	1,193	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	510	511	607	668	725	775	819
Net Positions	534	683	689	593	532	475	425	381
OVERTIME(K)	12,225	15,031	17,520	20,215	22,900	25,200	27,500	29,630
OT HOURS	278,669	341,760	383,118	432,962	480,386	517,772	553,319	596,177
# BOY NEW	508,878	574,922	674,333	791,080	785,670	766,559	776,472	823,509
TOTAL D'TLS	13	13	20	20	20	20	20	20
AVG. GRADE	12.17	11.59	11.52	11.54	11.62	11.72	11.82	11.93
RECEIPTS	384,228	419,760	457,538	448,845	489,241	533,273	581,268	633,582
RECEIPTS TO BE EXAMINED	384,228	419,760	452,963	422,957	438,649	515,040	575,455	627,246
REG PROD	275,008	298,937	313,578	365,700	424,420	459,471	493,024	524,662
TOT PROD	288,315	315,019	331,607	386,074	447,026	483,836	519,062	552,717
DISPOSALS	279,345	309,689	324,975	343,781	436,292	462,545	509,707	532,793
FIRST ACTS	297,285	320,349	338,239	428,368	457,760	505,128	528,418	572,642
PEND FA	21.1	22.6	23.7	22.5	20.3	19.0	18.5	18.3
PEND IS/AB	29.1	31.1	33.0	34.7	33.5	31.3	30.0	29.5
# SPE'S	294	365	415	455	493	527	558	585
#PATS PRTD	152104	164,115	177,397	191,568	233,532	257,660	281,374	297,795

1,200 Examiner Hiring Levels

FY 07/12 Overtime 80 hours per examiner FTE

FY 08 - 5% / FY 09/12 - 10% Efficiency Gain

FY 08/12 10% Application Filing Drop Out Rate

FY 08/09/10 - One Time 10% Inventory Drop Out reduced over 3 years

FY 07/12 Attrition rate 11%

FY 07/12 Filing rate 9%

Chap I reduction 25%-07 50%-08 75%-09/12

Chap II reduction 25%-08 50%-09/12

Adjusted for Complexity Factor

PCT Outsourced Savings FY 07/12

1% Application Abandonments from OIPE

## 08CONG.P3 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012
<b>Receipts:</b>								
UPR Filings growth @ 9% FY 07/12	384,228	419,760	457,538	498,717	543,601	592,525	645,853	703,980
Less 10% for Drop out								
Less 10% of FY 08 Backlog (800K) 80K total Based on 10% of FAs until reduction is met				49,872	54,360	59,253	64,585	70,398
UPR Filings	419,760	457,538	448,845	489,241	533,273	581,268	633,582	
Less Abandonment Rate 1% during Initial UPR Filings TO BE Examined	4,198	4,575	4,488	4,892	5,333	5,813	6,336	
UPR Filings TO BE Examined	415,562	452,963	422,957	438,649	515,040	575,455	627,246	
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Attrition rate:	10.6%	10%	11%	11%	11%	11%	11%	11%
Overtime hours per examiner		80	80	80	80	80	80	80
<b>Production Rates:</b>								
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%
Efficiency Gains		0.0	0.0	5.0%	10.0%	10.0%	10.0%	10.0%
FY 04	FY 05	FY 06						
Actual	Actual	Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	25.1	25.1	24.8	26.0	27.1	27.0
GS-7	31.5	31.4	34.1	34.1	33.8	35.3	36.8	36.7
GS-9	50.4	45.3	49.9	49.9	49.4	51.6	53.9	53.7
GS-11	62.7	54.2	53.1	53.1	52.6	54.9	57.4	57.1
GS-12	68.3	67.1	65.6	65.6	64.9	67.9	70.9	70.5
GS-13	81	79.4	77.0	77.0	76.2	79.6	83.2	82.8
GS-14	91.5	89.8	87.9	87.9	87.0	90.9	95.0	94.5
GS-15	103.1	99.3	92.3	92.3	91.4	95.5	99.7	98.7
<b>Patent Cooperation Treaty (PCT):</b>								
PCT Chapter I PUs redirected (paralegal)								
Chap I reduction 25% 07 50%-08 75%-09/12								
Chap II reduction 25%-08 50%-09/12								
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733
Examiner FTE	158	144	133	97	56	59	62	65
<b>Examiner FTE lost/taken out of the examining corps:</b>								
Part-time		44	44	44	44	44	44	44
Quality initiatives		12.7	0	0	11	22	27	28
SP Quality Initiatives			19	39	34	34	34	34
New Hire trainers		29	15	15	15	15	15	15
CLE Training		2	4	6	8	10	12	14
Exmr Tech Trng & Fts		20	3	6	9	11	13	15
Allowance Rate		53.6%	60.0%	58.0%	58.0%	58.0%	58.0%	58.0%

FY actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr Tech trng is 8 hours per examiner over FY 06 base.

SUMMARY		FY 2004		ACTUAL DATA							
		6/24/05 12:00 07OMB.P39Emod		06 Pres							
				Budget							
YEAR		2004	2005	2006	2006	2007	2008	2009	2010	2011	
EOY STAFF		3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274	
PROF W-Y		3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899	
# HIRED		443	860	900	1,000	1,000	1,000	1,000	1,000	1,000	
# ATTRITED		336	414	337	418	423	417	400	439	475	
Net Positions		107	446	563	582	577	583	600	561	525	
OVERTIME(K)		13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265	
OT HOURS		303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855	
# BOY NEW		443,852	508,878	594,753	607,837	673,347	543,549	453,667	333,201	188,042	
TOTAL D'TLS		12	25	25	28	29	31	32	32	32	
AVG. GRADE		12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81	
RECEIPTS		355,527	376,900	395,709	389,513	359,975	381,565	404,430	428,655	454,410	
RECEIPTS TO BE EXAMINED		355,527	376,900	395,709	385,518	355,740	377,076	399,672	423,612	449,064	
REG PROD		272,372	277,845	293,432	296,456	391,424	436,042	485,695	531,173	576,801	
TOT PROD		287,752	296,535	314,454	315,254	412,751	460,029	512,419	560,335	608,268	
DISPOSALS		287,188	295,456	292,536	310,500	406,600	453,100	504,700	551,900	599,100	
FIRST ACTS		288,316	297,614	336,371	320,008	418,903	466,958	520,138	568,771	617,436	
PEND FA <small>calculated by FA output</small>					22.5	15.6	11.7	7.7	4.0	0.4	
PEND IS/AB					31.3	35.2	25.6	21.7	17.7	14.0	
# SPE'S		278	315	364	356	398	439	482	522	559	
#PAT'S PRTD		170,664	176,837	178,913	178,173	234,895	271,005	301,881	331,519	360,486	

## Plus #3 Added Assumptions

Patentability Reports - 15% gain beginning in FY 07

10% Drop out in FY 07 inventory

10% reduction in filings from Patentability Reports

No Outsourcing of the US Search

Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)

5% reduction in filings from Continuation Limitation

## #2 added assumptions

1,000 Examiner Hiring Levels

Trainers for New Hires

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

## Plus #1 BASE Assumptions

Adjusted for Complexity Creep

PGPub Outsourced Savings FY 06/11

PCT Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

Allowance Rate	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%
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## 07OMB.P39Emod Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation	2.5%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
<b>UPR Filings</b>	9,988	63,525	67,335	71,370	75,645	80,190	
Less Abandonment Rate 1% during	3,995	4,235	4,489	4,758	5,043	5,346	
<b>UPR Filings TO BE Examined</b>	385,518	355,740	377,076	399,672	423,612	449,064	
<b>10% Inventory Reduction</b>		66,635					
<b>Net Filings</b>		289,105					
Examiner Hires:	860	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep	-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%	
<b>Efficiency Gains</b>	0.025	0.200	0.200	0.200	0.200	0.200	0.200
FY 04							
Actual							
GS-5	25.4	25.5	30.3	30.2	30.0	29.9	29.7
GS-7	31.5	31.6	37.6	37.4	37.2	37.0	36.8
GS-9	50.4	50.6	60.1	59.8	59.5	59.2	59.0
GS-11	62.7	63.0	74.8	74.4	74.1	73.7	73.3
GS-12	68.3	68.6	81.5	81.1	80.7	80.3	79.9
GS-13	81	81.4	96.7	96.2	95.7	95.2	94.7
GS-14	91.5	91.9	109.2	108.6	108.1	107.6	107.0
GS-15	103.1	103.6	123.0	122.4	121.8	121.2	120.6
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	1,250	4,078	9,496	15,284	15,856	16,462	
Examiner PCT PUs	18,423	16,236	11,496	6,428	6,619	6,821	
Examiner FTE	201	177	126	70	72	75	
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination	35	37	39	42	44	47	
<b>Overtime:</b>							
Overtime hours per examiner FTE	90	90	90	90	90	90	
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	55	55	55	55	55	55	
Quality initiatives	39	42	48	50	57	57	
New Hire trainers	30	30	30	30	30	30	
CLE Training	20	21	22	23	24	25	
Exmr Tech Trng 8 hrs >=GS12	10	13.7	14.4	16	17.6	19.1	

SUMMARY		FY 2004		ACTUAL DATA						
6/17/05 11:45 07OM8.P40D				06 Pres						
YEAR		2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF		3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y		3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED		443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED		336	414	337	418	423	417	400	439	475
Net Positions		107	446	563	582	577	583	600	561	525
OVERTIME(K)		13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS		303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW		443,852	508,878	594,753	607,837	673,347	710,327	729,744	727,499	702,755
TOTAL D'TLS		12	25	25	28	29	31	32	32	32
AVG. GRADE		12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS		355,527	376,900	395,709	389,513	402,325	426,455	452,010	479,085	507,870
RECEIPTS TO BE										
EXAMINED		355,527	376,900	395,709	385,518	398,090	421,966	447,252	474,042	502,524
REG PROD		272,372	277,845	293,432	296,456	334,428	372,588	416,124	462,281	516,072
TOT PROD		287,752	296,535	314,454	315,254	355,755	396,575	442,848	491,443	547,539
DISPOSALS		287,188	295,456	292,536	310,500	350,400	390,600	436,200	484,100	539,300
FIRST ACTS		288,316	297,614	336,371	320,008	361,110	402,549	449,497	498,786	555,778
PEND FA		20.2	20.7	21.4	22.5	22.9	22.3	21.0	19.3	17.0
PEND IS/AB		27.6	31.0	31.3	31.3	32.5	32.9	32.3	31.0	29.3
# SPE'S		278	315	364	356	398	439	482	522	559
#PATS PRTD		170,664	176,837	178,913	178,173	208,967	233,606	260,756	289,802	322,567

## #3 Added Assumptions

Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)

5% reduction in filings from Continuation Limitation

Efficiency gain changed from 20% to 5%

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #2 Added Assumptions

1,000 Examiner Hiring Levels

Trainers for New Hires

Plus #1 Base Assumptions

Adjusted for Complexity Creep

Efficiency gains:

PGPub Outsourced Savings FY 06/11

PCT Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07OMB.P40D Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation	2,515	5,0	21,175	22,445	23,790	25,215	26,730
UPR Filings	389,513	402,325	426,455	452,010	479,085	507,870	
Less Abandonment Rate 1% during UPR Filings TO BE Examined	3,995	4,235	4,489	4,758	5,043	5,346	
Examiner Hires:	860	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
Efficiency Gains		2.5%	5.0%	5.0%	5.310%	6.870%	9.680%
FY 04							
Actual							
Production Units per examiner per grade per fiscal year							
GS-5	25.4	25.5	25.9	25.8	25.7	26.0	26.6
GS-7	31.5	31.6	32.1	31.9	31.9	32.2	33.0
GS-9	50.4	50.6	51.4	51.1	51.0	51.6	52.7
GS-11	62.7	63.0	63.9	63.6	63.5	64.1	65.6
GS-12	68.3	68.6	69.6	69.3	69.1	69.9	71.5
GS-13	81	81.4	82.6	82.2	82.0	82.9	84.8
GS-14	91.5	91.9	93.3	92.8	92.6	93.6	95.7
GS-15	103.1	103.6	105.1	104.6	104.4	105.5	107.9
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	1,250	4,078	9,496	15,284	15,856	16,462	
Examiner PCT PUs	18,423	16,236	11,496	6,428	6,619	6,821	
Examiner FTE	201	177	126	70	72	75	
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination	35	37	39	42	44	47	
<b>Overtime:</b>							
Overtime hours per examiner FTE	90	90	90	90	90	90	
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	55	55	55	55	55	55	
Quality initiatives	39	42	48	50	57	57	
New Hire trainers	30	30	30	30	30	30	
CLE Training	20	21	22	23	24	25	
Exmr Tech Trng 8 hrs >=GS12	10	13.7	14.4	16	17.6	19.1	
Allowance Rate	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	

w/c Bank Team

SUMMARY FY 2004 ACTUAL DATA  
06CONG P21

YEAR	2004	2005	2006	2007	2008	2009	2010	Notes
BOY STAFF	3681	3645	3646	3646	3646	3646	3646	FY 05/10 Filing growth rate is 0%
PROF W-Y	3550	3344	3346	3337	3330	3322	3313	FY 05/10 Attrition rate is 8%
# HIRED	443	296	296	296	296	296	296	
# ATTRITED	336	296	296	296	296	296	296	
Net Positions	107	0	0	0	0	0	0	
OVERTIME(K)	13323	13875	14495	15150	15010	16500	16455	FY 05/10 90 Overtime hours/FTE
OT HOURS	303459	300976	300601	300356	299715	298967	298151	No PCT Outsourcing
# BOY NEW	443852	508878	609792	732160	876771	1E+06	#####	
TOTAL D'TLS	12	25	25	25	25	25	25	
AVG GRADE	12.41	12.4	12.61	12.77	12.86	12.93	12.97	FY 06/10 Prod rates adj for complexity
RECEIPTS	355527	376900	399500	423500	446900	475800	504300	
REC PROD	272372	256689	257801	259547	260900	261097	260777	FY 05 38 SY's Quality Initiatives
TOT PROD	287752	271943	273036	274770	276090	276249	275888	FY 06/10 68 SY's Quality Initiatives
DISPOSALS	287188	267900	268940	270650	271950	272100	271750	FY 05/06 30 SY's Trainers for new hires
FIRST ACTS	288316	275986	277132	278890	280230	280397	280026	FY 05/10 15 hr/Exmr CLE Training
PEND ITA	20.2	21.3	23.5	26.3	29.4	32.8	36.4	No Efficiency Gains
PEND IS/AU	27.6	30.2	32.3	34.5	37.3	40.4	43.8	FY 05/10 EOD Date 7/1
NO. SPL'S	278	315	315	315	315	315	315	
#PAIS PRTD	170664	167354	164895	165842	166634	166970	166831	FY 05/10 allowance rate 63%

## 07OMB.P40D Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation	9,988	21,175	22,445	23,790	25,215	26,730	
UPR Filings	389,513	402,325	426,455	452,010	479,085	507,870	
Less Abandonment Rate 1% during UPR Filings TO BE Examined	3,995	4,235	4,489	4,758	5,043	5,346	
	385,518	398,090	421,966	447,252	474,042	502,524	
Examiner Hires:	860	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep	-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%	
Efficiency Gains	2.5%	5.0%	5.0%	5.310%	6.870%	9.680%	
FY 04							
Actual							
Production Units per examiner per grade per fiscal year							
GS-5	25.4	25.5	25.9	25.8	25.7	26.0	26.6
GS-7	31.5	31.6	32.1	31.9	31.9	32.2	33.0
GS-9	50.4	50.6	51.4	51.1	51.0	51.6	52.7
GS-11	62.7	63.0	63.9	63.6	63.5	64.1	65.6
GS-12	68.3	68.6	69.6	69.3	69.1	69.9	71.5
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GS-15	103.1	103.6	105.1	104.6	104.4	105.5	107.9
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	1,250	4,078	9,496	15,284	15,856	16,462	
Examiner PCT PUs	18,423	16,236	11,496	6,428	6,619	6,821	
Examiner FTE	201	177	126	70	72	75	
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination	35	37	39	42	44	47	
<b>Overtime:</b>							
Overtime hours per examiner FTE	90	90	90	90	90	90	
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	55	55	55	55	55	55	
Quality initiatives	39	42	48	50	57	57	
New Hire trainers	30	30	30	30	30	30	
CLE Training	20	21	22	23	24	25	
Exmr Tech Trng 8 hrs >=GS12	10	13.7	14.4	16	17.6	19.1	
Allowance Rate	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	

SUMMARY		FY 2004		ACTUAL DATA						
		6/17/05 11:45 07OMB.P40D		06 Pres Budget						
YEAR		2004	2005	2006	2007	2008	2009	2010	2011	
EOY STAFF		3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y		3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED		443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED		336	414	337	418	423	417	400	439	475
Net Positions		107	446	563	582	577	583	600	561	525
OVERTIME(K)		13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS		303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW		443,852	508,878	594,753	607,837	673,347	710,327	729,744	727,499	702,755
TOTAL D'TLS		12	25	25	28	29	31	32	32	32
AVG. GRADE		12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS		355,527	376,900	395,709	389,513	402,325	426,455	452,010	479,085	507,870
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EXAMINED		355,527	376,900	395,709	385,518	398,090	421,966	447,252	474,042	502,524
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TOT PROD		287,752	296,535	314,454	315,254	355,755	396,575	442,848	491,443	547,539
DISPOSALS		287,188	295,456	292,536	310,500	350,400	390,600	436,200	484,100	539,300
FIRST ACTS		288,316	297,614	336,371	320,008	361,110	402,549	449,497	498,786	555,778
PEND FA		20.2	20.7	21.4	22.5	22.9	22.3	21.0	19.3	17.0
PEND IS/AB		27.6	31.0	31.3	31.3	32.5	32.9	32.3	31.0	29.3
# SPE'S		278	315	364	356	398	439	482	522	559
#PAT'S PRTD		170,664	176,837	178,913	178,173	208,967	233,606	260,756	289,802	322,567

## #3 Added Assumptions

Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)

5% reduction in filings from Continuation Limitation

Efficiency gain changed from 20% to 5%

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #2 Added Assumptions

1,000 Examiner Hiring Levels

Trainers for New Hires

Plus #1 Base Assumptions

Adjusted for Complexity Creep

Efficiency gains:

PGPub Outsourced Savings FY 06/11

PCT Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07OMB.P39Emod Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation	2.5%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
UPR Filings	9,988	63,525	67,335	71,370	75,645	80,190	
Less Abandonment Rate 1% during	3,995	4,235	4,489	4,758	5,043	5,346	
UPR Filings TO BE Examined	385,518	355,740	377,076	399,672	423,612	449,064	
10% Inventory Reduction		66,635					
Net Filings		289,105					
Examiner Hires:	860	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep	-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%	
Efficiency Gains	0.025	0.200	0.200	0.200	0.200	0.200	0.200
FY 04	Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	25.5	30.3	30.2	30.0	29.9	29.7
GS-7	31.5	31.6	37.6	37.4	37.2	37.0	36.8
GS-9	50.4	50.6	60.1	59.8	59.5	59.2	59.0
GS-11	62.7	63.0	74.8	74.4	74.1	73.7	73.3
GS-12	68.3	68.6	81.5	81.1	80.7	80.3	79.9
GS-13	81	81.4	96.7	96.2	95.7	95.2	94.7
GS-14	91.5	91.9	109.2	108.6	108.1	107.6	107.0
GS-15	103.1	103.6	123.0	122.4	121.8	121.2	120.6
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	1,250	4,078	9,496	15,284	15,856	16,462	
Examiner PCT PUs	18,423	16,236	11,496	6,428	6,619	6,821	
Examiner FTE	201	177	126	70	72	75	
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination	35	37	39	42	44	47	
<b>Overtime:</b>							
Overtime hours per examiner FTE	90	90	90	90	90	90	
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	55	55	55	55	55	55	
Quality initiatives	39	42	48	50	57	57	
New Hire trainers	30	30	30	30	30	30	
CLE Training	20	21	22	23	24	25	
Exmr Tech Trng 8 hrs >=GS12	10	13.7	14.4	16	17.6	19.1	
Allowance Rate	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	

SUMMARY		FY 2004		ACTUAL DATA						
		6/24/05 12:00 07OMB.P39Emod		06 Pres						
YEAR		2004	2005	2006	2007	2008	2009	2010	2011	
EOY STAFF		3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y		3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED		443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED		336	414	337	418	423	417	400	439	475
Net Positions		107	446	.563	582	577	583	600	561	525
OVERTIME(K)		13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS		303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW		443,852	508,878	594,753	607,837	673,347	543,549	453,667	333,201	188,042
TOTAL D'TLS		12	25	25	28	29	31	32	32	32
AVG. GRADE		12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS		355,527	376,900	395,709	389,513	359,975	381,565	404,430	428,655	454,410
RECEIPTS TO BE EXAMINED		355,527	376,900	395,709	385,518	355,740	377,076	399,672	423,612	449,064
REG PROD		272,372	277,845	293,432	296,456	391,424	436,042	485,695	531,173	576,801
TOT PROD		287,752	296,535	314,454	315,254	412,751	460,029	512,419	560,335	608,268
DISPOSALS		287,188	295,456	292,536	310,500	406,600	453,100	504,700	551,900	599,100
FIRST ACTS		288,316	297,614	336,371	320,008	418,903	466,958	520,138	568,771	617,436
PEND FA calculated by FA output					22.5	15.6	11.7	7.7	4.0	0.4
PEND IS/AB					31.3	35.2	26.6	21.7	17.7	14.0
# SPE'S		278	315	364	356	398	439	482	522	559
#PAT'S PRTD		170,664	176,837	178,913	178,173	234,895	271,005	301,881	331,519	360,486

Plus #3 Added Assumptions

Patentability Reports - 15% gain beginning in FY 07

10% Drop out in FY 07 inventory

10% reduction in filings from Patentability Reports

No Outsourcing of the US Search

Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)

5% reduction in filings from Continuation Limitation

#2 added assumptions

1,000 Examiner Hiring Levels

Trainers for New Hires

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions

Adjusted for Complexity Creep

PGPub Outsourced Savings FY 06/11

PCT Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07OMB.P39D Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation	0	0	0	0	0	0	0
UPR Filings	0	0	0	0	0	0	0
Less Abandonment Rate 1% during UPR Filings TO BE Examined	3,995	4,235	4,489	4,758	5,043	5,346	
	395,505	419,265	444,411	471,042	499,257	529,254	
Examiner Hires:	860	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep	-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%	
Efficiency Gains	0.0	0.0	0.0	0.0031	0.0156	0.0281	
FY 04							
Actual							
Production Units per examiner per grade per fiscal year							
GS-5	25.4	24.9	24.5	24.5	24.7	25.3	
GS-7	31.5	30.9	30.6	30.4	30.4	30.7	31.4
GS-9	50.4	49.4	48.9	48.7	48.6	49.1	50.2
GS-11	62.7	61.4	60.8	60.5	60.4	61.1	62.5
GS-12	68.3	66.9	66.3	65.9	65.8	66.5	68.0
GS-13	81	79.4	78.6	78.2	78.0	78.9	80.7
GS-14	91.5	89.7	88.8	88.3	88.2	89.1	91.1
GS-15	103.1	101.0	100.0	99.5	99.3	100.4	102.7
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	1,250	4,078	9,496	15,284	15,856	16,462	
Examiner PCT PUs	18,423	16,236	11,496	6,428	6,619	6,821	
Examiner FTE	201	177	126	70	72	75	
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination	35	37	39	42	44	47	
<b>Overtime:</b>							
Overtime hours per examiner FTE	90	90	90	90	90	90	
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	55	55	55	55	55	55	
Quality initiatives	39	42	48	50	57	57	
New Hire trainers	30	30	30	30	30	30	
CLE Training	20	21	22	23	24	25	
Exmr Tech Trng 8 hrs >=GS12	10	13.7	14.4	16	17.6	19.1	
Allowance Rate	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	

SUMMARY		FY 2004		ACTUAL DATA						
		6/24/05 11:30 07OMB.P39D		06 Pres Budget						
YEAR		2004	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF		3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786	7,274
PROF W-Y		3,550	3,649	4,149	4,121	4,676	5,259	5,859	6,393	6,899
# HIRED		443	860	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED		336	414	337	418	423	417	400	439	475
Net Positions		107	446	563	582	577	583	600	561	525
OVERTIME(K)		13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755	34,265
OT HOURS		303,459	311,496	414,765	370,904	420,796	473,270	527,269	575,375	620,855
# BOY NEW		443,852	508,878	594,753	607,837	690,657	765,162	825,358	867,135	890,089
TOTAL D'TLS		12	25	25	28	29	31	32	32	32
AVG. GRADE		12.41	11.96	11.65	11.75	11.57	11.56	11.63	11.71	11.81
RECEIPTS		355,527	376,900	395,709	399,500	423,500	448,900	475,800	504,300	534,600
RECEIPTS TO BE EXAMINED		355,527	376,900	395,709	395,505	419,265	444,411	471,042	499,257	529,254
REG PROD		272,372	277,845	293,432	289,294	318,303	354,571	396,208	440,090	491,246
TOT PROD		287,752	296,535	314,454	308,092	339,630	378,558	422,932	469,252	522,713
DISPOSALS		287,188	295,456	292,536	303,500	334,500	372,900	416,600	462,200	514,900
FIRST ACTS		288,316	297,614	336,371	312,684	344,760	384,216	429,264	476,303	530,525
PEND FA		20.2	20.7	21.4	22.5	23.4	23.8	23.6	22.9	21.7
PEND IS/AB		27.6	31.0	31.3	31.3	32.5	33.4	33.8	33.6	32.9
# SPE'S		278	315	364	356	398	439	482	522	559
#PATS PRTD.		170,664	176,837	178,913	175,097	200,565	223,016	249,016	276,712	307,973

#2 added assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires

Efficiency gain changed from 20% to 5%  
 5 % Efficiency gain - Outsourcing the Search

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Creep  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

SUMMARY FY 2005 ACTUAL DATA  
 ##### 07CONG.P12

YEAR	2005	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,150	4,150	4,150	4,150	4,150	4,150
PROF W-Y	3,804	3,918	3,914	3,907	3,888	3,858	3,831
# HIRED	959	414	374	332	290	290	290
# ATTRITED	425	414	374	332	290	290	290
Net Positions	534	0	0	0	0	0	0
OVERTIME(K)	12,225	14,917	15,215	15,506	15,755	15,962	16,183
OT HOURS	278,669	333,039	332,703	332,111	330,499	327,956	325,609
# BOY NEW	508,878	586,580	692,184	826,608	992,203	1,193,091	1,434,039
TOTAL D'TLS	13	20	20	20	20	20	20
AVG. GRADE	12.17	12.03	12.31	12.52	12.69	12.84	12.95
RECEIPTS	384,209	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO BE EXAMINED	384,209	411,177	444,482	480,485	519,404	561,476	606,956
REG PROD	275,008	280,782	285,141	289,835	293,475	295,503	296,504
TOT PROD	288,315	296,686	301,029	305,695	309,258	311,164	312,053
DISPOSALS	279,345	287,800	292,000	296,500	300,000	301,800	302,700
FIRST ACTS	297,285	305,572	310,058	314,890	318,516	320,527	321,405
PEND FA	21.1	22.0	23.9	26.4	29.2	32.2	35.5
PEND IS/AB	29.1	31.3	32.0	33.9	36.4	39.2	42.2
# SPE'S	294	321	321	321	321	321	321
#PAT'S PRTD	152104	160,000	166,378	168,848	171,052	172,322	172,965

Examiner Hiring Levels Replacing attrition only  
 85 Overtime hours/FTE

No Efficiency gains

No PCT Outsourcing

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions

Adjusted for Complexity Factor

PGPub Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07CONG.P12 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086
Growth Rates	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%
Less 5% for discontinued continuation	0	0	0	0	0	0	0
UPR Filings	0	0	0	0	0	0	0
Less Abandonment Rate 1% during initial	4,153	4,490	4,853	5,247	5,671	6,131	
UPR Filings TO BE Examined	411,177	444,482	480,485	519,404	561,476	606,956	
Examiner Hires:	959	414	374	332	290	290	290
Attrition rate:	10%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity factor	-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	
Efficiency Gains	0.0	0.0	0.0	0.0000	0.0000	0.0000	
FY 04	FY 05	2-YR Avg					
Actual	Actual	of Actual					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2
Production Units per examiner per grade per fiscal year							
Patent Cooperation Treaty (PCT):							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	913	1,250	1,250	1,250	1,250	1,250	1,250
Examiner PCT PUs	14,234	16,056	17,019	18,040	19,123	20,270	21,486
Examiner FTE	158	179	190	201	213	226	239
Competitive Sourcing:	0	35	37	39	42	44	47
PGPub FTE redirected to examination							
Overtime:	86	85	85	85	85	85	85
Overtime hours per examiner FTE							
Examiner FTE lost/taken out of the examining corps:							
Part-time	44	44	44	44	44	44	44
Quality initiatives	12	5	5	6	17	28	34
New Hire trainers	5	15	15	15	15	15	15
CLE Training	8	29	34	38	43	48	53
Exm Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

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SUMMARY	FY 2005	ACTUAL DATA						
	#####07CONG.P9	06 Pres						
		Budget						
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,705	5,235	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,200	4,749	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	427	430	436	418	455	488
Net Positions	534	563	573	570	564	582	545	512
OVERTIME(K)	12,225	20,000	18,227	21,559	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	377,999	427,410	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	681,049	779,305	875,698	968,244	1,057,144
TOTAL D'TLS	13	25	28	29	20	20	20	20
AVG. GRADE	12.17	11.65	11.69	11.55	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO BE EXAMINED	384,209	395,709	411,177	444,482	480,485	519,404	561,476	606,956
REG PROD	275,008	293,432	292,755	322,232	351,459	390,668	432,985	481,742
TOT PROD	288,315	314,454	311,913	343,894	372,896	414,379	458,738	509,419
DISPOSALS	279,345	292,536	307,234	338,736	361,700	401,900	444,900	494,100
FIRST ACTS	297,285	336,371	316,591	349,052	384,092	426,858	472,576	524,737
PEND FA	21.1	21.4	22.0	23.0	23.7	23.9	24.1	24.0
PEND IS/AB	29.1	31.3	31.3	32.0	33.0	33.7	33.9	34.1
# SPE'S	294	364	362	402	440	481	520	557
#PAT'S PRTD	152104	178,913	160,000	181,200	196,300	218,500	244,000	270,500

#2 added assumptions  
 1,000 Examiner Hiring Levels  
 Trainers for New Hires

Efficiency gain from Outsourcing the Search

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

## 07CONG.P9 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings growth @							
Growth Rate	384,209	415,330	448,972	485,338	524,651	567,147	613,086
Less 5% for discontinued continuation	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%
UPR Filings	0	0	0	0	0	0	0
Less Abandonment Rate 1% during initial	4,153	4,490	4,853	5,247	5,671	6,131	
UPR Filings TO BE Examined	411,177	444,482	480,485	519,404	561,476	606,956	
Examiner Hires:	959	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	10%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity factor	-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	
Efficiency Gains	0.0	0.0	0.0	0.0031	0.0156	0.0281	
FY 04	FY 05	2-YR Avg					
Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year				
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.3
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.6
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.6
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.9
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.9
GS-13	81	79.4	80.2	79.4	78.6	78.2	78.1
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.2
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.5
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	913	1,250	3,255	8,020	13,342	14,202	15,114
Examiner PCT PUs	14,234	14,806	13,764	10,020	5,781	6,068	6,372
Examiner FTE	158	165	153	112	64	68	71
Competitive Sourcing:	0	35	37	39	42	44	47
PGPub FTE redirected to examination							
Overtime:	86	85	85	85	85	85	85
Overtime hours per examiner FTE							
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	44	44	44	44	44	44	44
Quality initiatives	12	5	5	6	17	28	34
New Hire trainers	5	15	15	15	15	15	15
CLE Training	8	29	34	38	43	48	53
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY		FY 2005		ACTUAL DATA					
		# ##### 07CONG.P10		06 Pres					
				Budget					
YEAR		2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF		4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y		3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED		959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED		425	337	442	443	436	418	455	488
Net Positions		534	563	558	557	564	582	545	512
OVERTIME(K)		12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805
OT HOURS		278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569
# BOY NEW		508,878	594,753	586,580	663,133	722,396	776,241	822,231	860,311
TOTAL D'TLS		13	.25	20	20	20	20	20	20
AVG. GRADE		12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS		384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO BE EXAMINED		384,209	395,709	400,793	422,033	456,218	493,172	533,119	576,301
REG PROD		275,008	293,432	297,755	333,043	369,300	410,430	454,866	506,263
TOT PROD		288,315	314,454	314,820	352,235	390,737	434,141	480,619	533,940
DISPOSALS		279,345	292,536	305,400	341,700	379,100	421,100	466,200	517,900
FIRST ACTS		297,285	336,371	324,240	362,770	402,373	447,182	495,038	549,980
PEND FA		21.1	21.4	21.4	22.1	22.0	21.5	20.9	20.0
PEND IS/AB		29.1	31.3	31.3	31.4	32.1	32.0	31.5	30.9
# SPE'S		294	364	359	399	440	481	520	557
#PATS PRTD		152104	178,913	160,000	190,240	211,478	234,834	260,184	288,810

## #2 added assumptions

1,000 Examiner Hiring Levels

Trainers for New Hires

## Efficiency gain from Outsourcing the Search

Claims reduction - 2.5% in FY 06 / 5% in FY 07/11

Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions

Adjusted for Complexity Factor

PGPub Outsourced Savings FY 06/11

PCT Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07CONG.P10 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rate	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 5% for discontinued continuation	10,383	22,449	24,267	26,233	28,357	30,654			
UPR Filings	404,947	426,523	461,071	498,418	538,790	582,432			
Less Abandonment Rate 1% during initial	4,153	4,490	4,853	5,247	5,671	6,131			
UPR Filings TO BE Examined	400,793	422,033	456,218	493,172	533,119	576,301			
<b>Examiner Hires:</b>									
Attrition rate:	959	1,000	1,000	1,000	1,000	1,000	1,000		
	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
Efficiency Gains		2.500%	5.000%	5.000%	5.313%	6.563%	7.813%		
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	25.1	25.5	25.4	25.3	25.6	26.2
GS-7	31.5	31.4	31.45	31.9	32.4	32.2	32.2	32.5	33.2
GS-9	50.4	45.3	47.85	48.6	49.3	49.0	48.9	49.4	50.6
GS-11	62.7	54.2	58.45	59.3	60.2	59.9	59.8	60.4	61.8
GS-12	68.3	67.1	67.7	68.7	69.7	69.4	69.2	70.0	71.6
GS-13	81	79.4	80.2	81.4	82.6	82.2	82.0	82.9	84.8
GS-14	91.5	89.8	90.65	92.0	93.3	92.9	92.7	93.7	95.8
GS-15	103.1	99.3	101.2	102.7	104.2	103.7	103.5	104.6	107.0
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
Total PCT PU savings	913	1,250	3,255	8,020	13,342	14,202	15,114		
Examiner PCT PUs	14,234	14,806	13,784	10,020	5,781	6,068	6,372		
Examiner FTE	158	165	153	112	64	68	71		
Competitive Sourcing:	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
Overtime:	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

SUMMARY	FY 2005	ACTUAL DATA						
	#####07CONG.P11	06 Pres						
YEAR		Budget						
YEAR	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y	3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	337	442	443	436	418	455	488
Net Positions	534	563	558	557	564	582	545	512
OVERTIME(K)	12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805
OT HOURS	278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569
# BOY NEW	508,878	594,753	586,580	663,133	581,073	521,492	444,366	356,147
TOTAL OTLS	13	25	20	20	20	20	20	20
AVG GRADE	12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS	384,209	395,709	404,947	381,626	412,538	445,953	482,075	521,123
RECEIPTS TO BE EXAMINED	384,209	395,709	400,793	339,423	407,684	440,707	476,404	514,993
REG PROD	275,008	293,432	297,755	389,999	432,196	479,055	522,459	565,907
TOT PROD	288,315	314,454	314,820	409,191	453,633	502,766	548,212	593,584
DISPOSALS	279,345	292,536	305,400	396,900	440,000	487,700	531,800	575,800
FIRST ACTS	297,285	336,371	324,240	421,483	467,266	517,832	564,624	611,369
FA Monthly Output		27020	35124	38939	43153	47052	50947	
PEND FA	21.1	21.4	21.4	20.1	16.8	14.6	11.2	8.0
PEND FA calculated by FA Output			24.5	16.5	13.4	10.3	7.6	5.1
PEND IS/AB	29.1	31.3	31.3	31.4	30.1	26.8	24.6	21.2
PEND IS/AB calculated by FA Output					26.5	23.4	20.3	17.6
# SPE'S	294	364	359	399	440	481	520	557
HPATS PRTD	152104	178,913	160,000	213,969	245,493	272,109	297,838	323,012

## #2 added assumptions

1,000 Examiner Hiring Levels

Trainers for New Hires

10% Dropout in FY 07

Efficiency gain from Outsourcing the Search

Patentability Reports 20% FY 07/11

Claims reduction - 2.5% in FY 06 / 5% in FY 07/11

Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

## Plus #1 BASE Assumptions

Adjusted for Complexity Factor

PGPub Outsourced Savings FY 06/11

PCT Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07CONG.P11 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086
Growth Rate	8.0%	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%
Less 15% for discontinued continuation	10,383	67,346	72,801	78,698	85,072	91,963	
<b>UPR Filings</b>	<b>404,947</b>	<b>381,626</b>	<b>412,538</b>	<b>445,953</b>	<b>482,075</b>	<b>521,123</b>	
Less Abandonment Rate 1% during initial	4,153	4,490	4,853	5,247	5,671	6,131	
<b>UPR Filings TO BE Examined</b>	<b>400,793</b>	<b>377,136</b>	<b>407,684</b>	<b>440,707</b>	<b>476,404</b>	<b>514,993</b>	
10% Dropout		339,423					
Examiner Hires:	959	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	10%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%
Efficiency Gains		2.500%	20.000%	20.000%	20.000%	20.000%	20.000%
FY 04	FY 05	2-YR Avg					
Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year				
GS-5	25.4	24.1	24.75	25.1	29.8	29.7	29.5
GS-7	31.5	31.4	31.45	31.9	37.9	37.7	37.5
GS-9	50.4	45.3	47.85	48.6	57.7	57.4	57.1
GS-11	62.7	54.2	58.45	59.3	70.5	70.1	69.8
GS-12	68.3	67.1	67.7	68.7	81.6	81.2	80.8
GS-13	81	79.4	80.2	81.4	96.7	96.2	95.7
GS-14	91.5	89.8	90.65	92.0	109.3	108.7	108.2
GS-15	103.1	99.3	101.2	102.7	122.0	121.4	120.8
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	913	1,250	3,255	8,020	13,342	14,202	15,114
Examiner PCT PUs	14,234	14,806	13,764	10,020	5,781	6,068	6,372
Examiner FTE	158	165	153	112	64	68	71
Competitive Sourcing:	0	35	37	39	42	44	47
PGPub FTE redirected to examination							
Overtime:	86	85	85	85	85	85	85
Overtime hours per examiner FTE							
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	44	44	44	44	44	44	44
Quality initiatives	12	5	5	6	17	28	34
New Hire trainers	5	15	15	15	15	15	15
CLE Training	8	29	34	38	43	48	53
Exmr Tech Trng & hrs >=GS12	7	6	6	6	7	10	12
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

December 13, 2005

PATENTS PERFORMANCE MEASURE		FY 2005 Target	FY 2005 Results	FY 2005 Target vs Results Variance	FY 2006 Target
QUALITY					
End process reviews – Allowance Error rate	4.0%		Overall: 4.6% (±0.5%) 10/1/04 – 6/12/05: 5.2% 6/13/05 – 9/30/05: 4.0%	-15.0%	4.0%
In-Process Reviews (IPR) – Compliance Rate	84.0%		86.0%	+2.4%	86.0%
E-GOV					
Patient Applications Managed Electronically	90.0%		96.7%	+7.4%	99.0%
Patent Applications Filed Electronically	4.0%		2.2%	-45.0%	10.0%
PENDENCY					
Average First Action Pendency from date of filing to mailing first Office action in months	21.3		21.1	+0.9%	22.0
Average Total Pendency from date of filing to issuance or abandonment	31.0		29.1	+6.1%	31.3
EFFICIENCY					
Average cost of a Patent disposal, calculated by dividing total USPTO expenses associated with examination and processing of patents (including associated overhead and support expenses) by outputs (production units)	\$4,122		\$3,877	+5.9%	\$4,279* * being revalidated
PATENT APPLICATION FILINGS					
Utility, Plant, Reissue (UPR) application filings	375,100		384,228 (Final)		414,700
UPR increase from the prior year/increase above FY plan			8.1% over FY '04	+2.4%	8.0%
Design application filings	25,111		25,304		26,900
Design increase from the prior year/increase above FY plan			7.1% over FY '04	+0.8%	6.3%
EXAMINER PRODUCTION					
Production Units (UPR)	296,500		288,310	-2.8%	311,900
PATENT EXAMINING STAFF					
Patent Examiner Hires (UPR)	860		959	+11.5%	1,000
Design	20		19	-5%	20

SUMMARY FY 2005 ACTUAL DATA  
 ##### 07CONG.P12

YEAR	2005	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,150	4,150	4,150	4,150	4,150	4,150
PROF W-Y	3,804	3,918	3,914	3,907	3,888	3,858	3,831
# HIRED	959	414	374	332	290	290	290
# ATTRITED	425	414	374	332	290	290	290
Net Positions	534	0	0	0	0	0	0
OVERTIME(K)	12,225	14,917	15,215	15,506	15,755	15,962	16,183
OT HOURS	278,669	333,039	332,703	332,111	330,499	327,956	325,609
# BOY NEW	508,878	586,580	692,184	826,608	992,203	1,193,091	1,434,039
TOTAL DTLS	13	20	20	20	20	20	20
AVG. GRADE	12.17	12.03	12.31	12.52	12.69	12.84	12.95
RECEIPTS	384,209	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO BE EXAMINED	384,209	411,177	444,482	480,485	519,404	561,476	606,956
REG PROD	275,008	280,782	285,141	289,835	293,475	295,503	296,504
TOT PROD	288,315	296,686	301,029	305,695	309,258	311,164	312,053
DISPOSALS	279,345	287,800	292,000	296,500	300,000	301,800	302,700
FIRST ACTS	297,285	305,572	310,058	314,890	318,516	320,527	321,405
PEND FA	21.1	22.0	23.9	26.4	29.2	32.2	35.5
PEND IS/AB	29.1	31.3	32.0	33.9	36.4	39.2	42.2
# SPE'S	294	321	321	321	321	321	321
#PAT'S PRTD	152104	160,000	166,378	168,848	171,052	172,322	172,965

Examiner Hiring Levels Replacing attrition only  
 85 Overtime hours/FTE

No Efficiency gains

No PCT Outsourcing

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
 Adjusted for Complexity Factor  
 PGPub Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

## 07CONG.P12 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086
Growth Rates		8.1%	8.1%	8.1%	8.1%	8.1%	8.1%
Less 5% for discontinued continuation	0	0	0	0	0	0	0
UPR Filings	0	0	0	0	0	0	0
Less Abandonment Rate 1% during initial	4,153	4,490	4,853	5,247	5,671	6,131	
UPR Filings TO BE Examined	411,177	444,482	480,485	519,404	561,476	606,956	
Examiner Hires:	959	414	374	332	290	290	290
Attrition rate:	10%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%
Efficiency Gains		0.0	0.0	0.0	0.0000	0.0000	0.0000
FY 04 FY 05 2-YR Avg							
Actual	Actual	of Actual					
Production Units per examiner per grade per fiscal year							
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2
23.9 23.8							
30.4 30.2							
46.2 46.0							
56.4 56.1							
65.4 65.0							
77.4 77.0							
87.5 87.1							
97.7 97.2							
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	913	1,250	1,250	1,250	1,250	1,250	1,250
Examiner PCT PUs	14,234	16,056	17,019	18,040	19,123	20,270	21,486
Examiner FTE	158	179	190	201	213	226	239
Competitive Sourcing:	0	35	37	39	42	44	47
PGPub FTE redirected to examination							
Overtime:	86	85	85	85	85	85	85
Overtime hours per examiner FTE							
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	44	44	44	44	44	44	44
Quality initiatives	12	5	5	6	17	28	34
New Hire trainers	5	15	15	15	15	15	15
CLE Training	8	29	34	38	43	48	53
Exm Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY	FY 2005	ACTUAL DATA								
#####07CONG.P9	06 Pres									
YEAR		Budget	2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF	4,177	4,723	4,705	5,235	5,710	6,251	6,757	7,232		
PROF W-Y	3,804	4,149	4,200	4,749	5,292	5,853	6,356	6,831		
# HIRED	959	900	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
# ATTRITED	425	337	427	430	436	418	455	488		
Net Positions	534	563	573	570	564	582	545	512		
OVERTIME(K)	12,225	20,000	18,227	21,559	20,959	23,669	26,247	28,805		
OT HOURS	278,669	414,765	377,999	427,410	448,906	496,514	539,283	579,569		
# BOY NEW	508,878	594,753	586,580	681,049	779,305	875,698	968,244	1,057,144		
TOTAL D'TLS	13	25	28	29	20	20	20	20	20	
AVG. GRADE	12.17	11.65	11.69	11.55	11.59	11.67	11.75	11.85		
RECEIPTS	384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086		
RECEIPTS TO BE EXAMINED	384,209	395,709	411,177	444,482	480,485	519,404	561,476	606,956		
REG PROD	275,008	293,432	292,755	322,232	351,459	390,668	432,985	481,742		
TOT PROD	288,315	314,454	311,913	343,894	372,896	414,379	458,738	509,419		
DISPOSALS	279,345	292,536	307,234	338,736	361,700	401,900	444,900	494,100		
FIRST ACTS	297,285	336,371	316,591	349,052	384,092	426,858	472,576	524,737		
PEND FA	21.1	21.4	22.0	23.0	23.7	23.9	24.1	24.0		
PEND IS/AB	29.1	31.3	31.3	32.0	33.0	33.7	33.9	34.1		
# SPE'S	294	364	362	402	440	481	520	557		
#PAT'S PRTD	152104	178,913	160,000	181,200	196,300	218,500	244,000	270,500		

#2 added assumptions  
1,000 Examiner Hiring Levels  
Trainers for New Hires

Efficiency gain from Outsourcing the Search

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions  
Adjusted for Complexity Factor  
PGPub Outsourced Savings FY 06/11  
PCT Outsourced Savings FY 06/11  
1% Application Abandonments from OIPE  
GS-12+ Tech Training

## 07CONG.P9 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086
Growth Rate		8.1%	8.1%	8.1%	8.1%	8.1%	8.1%
Less 5% for discontinued continuation	0	0	0	0	0	0	0
UPR Filings	0	0	0	0	0	0	0
Less Abandonment Rate 1% during initial	4,153	4,490	4,853	5,247	5,671	6,131	
UPR Filings TO BE Examined	411,177	444,482	480,485	519,404	561,476	606,956	
Examiner Hires:	959	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	10%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%
Efficiency Gains		0.0	0.0	0.0	0.0031	0.0156	0.0281
	FY 04	FY 05	2-YR Avg				
	Actual	Actual	of Actual				
Production Units per examiner per grade per fiscal year							
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.3
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.6
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.6
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	57.5
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	66.6
GS-13	81	79.4	80.2	79.4	78.6	78.2	78.1
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.2
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.5
Patent Cooperation Treaty (PCT):							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	913	1,250	3,255	8,020	13,342	14,202	15,114
Examiner PCT PUs	14,234	14,806	13,764	10,020	5,781	6,068	6,372
Examiner FTE	158	165	153	112	64	68	71
Competitive Sourcing:	0	35	37	39	42	44	47
PGPub FTE redirected to examination							
Overtime:	86	85	85	85	85	85	85
Overtime hours per examiner FTE							
Examiner FTE lost/taken out of the examining corps:							
Part-time	44	44	44	44	44	44	44
Quality initiatives	12	5	5	6	17	28	34
New Hire trainers	5	15	15	15	15	15	15
CLE Training	8	29	34	38	43	48	53
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY		FY 2005		ACTUAL DATA					
		# ##### 07CONG.P10		06 Pres					
		Budget							
YEAR		2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF		4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y		3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED		959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED		425	337	442	443	436	418	455	488
Net Positions		534	563	558	557	564	582	545	512
OVERTIME(K)		12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805
OT HOURS		278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569
# BOY NEW		508,878	594,753	586,580	663,133	722,396	776,241	822,231	860,311
TOTAL DTLS		13	25	20	20	20	20	20	20
AVG. GRADE		12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS		384,209	395,709	415,330	448,972	485,338	524,651	567,147	613,086
RECEIPTS TO BE EXAMINED		384,209	395,709	400,793	422,033	456,218	493,172	533,119	576,301
REG PROD		275,008	293,432	297,755	333,043	369,300	410,430	454,866	506,263
TOT PROD		288,315	314,454	314,820	352,235	390,737	434,141	480,619	533,940
DISPOSALS		279,345	292,536	305,400	341,700	379,100	421,100	466,200	517,900
FIRST ACTS		297,285	336,371	324,240	362,770	402,373	447,182	495,038	549,980
PEND FA		21.1	21.4	21.4	22.1	22.0	21.5	20.9	20.0
PEND IS/AB		29.1	31.3	31.3	31.4	32.1	32.0	31.5	30.9
# SPE'S		294	364	359	399	440	481	520	557
#PAT'S PRTD		152104	178,913	160,000	190,240	211,478	234,834	260,184	288,810

#2 added assumptions

1,000 Examiner Hiring Levels

Trainers for New Hires

Efficiency gain from Outsourcing the Search

Claims reduction - 2.5% in FY 06 / 5% in FY 07/11

Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions

Adjusted for Complexity Factor

PGPub Outsourced Savings FY 06/11

PCT Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07CONG.P10 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rate		8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 5% for discontinued continuation	10,383	22,449	24,267	26,233	28,357	30,654			
UPR Filings	404,947	426,523	461,071	498,418	538,790	582,432			
Less Abandonment Rate 1% during initial	4,153	4,490	4,853	5,247	5,671	6,131			
UPR Filings TO BE Examined	400,793	422,033	456,218	493,172	533,119	576,301			
Examiner Hires:	959	1,000	1,000	1,000	1,000	1,000	1,000		
Attrition rate:	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
Efficiency Gains	2.500%	5.000%	5.000%	5.313%	6.563%	7.813%			
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	25.1	25.5	25.4	25.3	25.6	26.2
GS-7	31.5	31.4	31.45	31.9	32.4	32.2	32.2	32.5	33.2
GS-9	50.4	45.3	47.85	48.6	49.3	49.0	48.9	49.4	50.6
GS-11	62.7	54.2	58.45	59.3	60.2	59.9	59.8	60.4	61.8
GS-12	68.3	67.1	67.7	68.7	69.7	69.4	69.2	70.0	71.6
GS-13	81	79.4	80.2	81.4	82.6	82.2	82.0	82.9	84.8
GS-14	91.5	89.8	90.65	92.0	93.3	92.9	92.7	93.7	95.8
GS-15	103.1	99.3	101.2	102.7	104.2	103.7	103.5	104.6	107.0
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
Total PCT PU savings	913	1,250	3,255	8,020	13,342	14,202	15,114		
Examiner PCT PUs	14,234	14,806	13,764	10,020	5,781	6,068	6,372		
Examiner FTE	158	165	153	112	64	68	71		
Competitive Sourcing:	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
Overtime:	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exm Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

SUMMARY		FY 2005	ACTUAL DATA						
#####07CONG.P11		06 Pres	Budget						
YEAR		2005	2006	2006	2007	2008	2009	2010	2011
EOY STAFF		4,177	4,723	4,670	5,187	5,710	6,251	6,757	7,232
PROF W-Y		3,804	4,149	4,212	4,737	5,292	5,853	6,356	6,831
# HIRED		959	900	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED		425	337	442	443	436	418	455	488
Net Positions		534	563	558	557	564	582	545	512
OVERTIME(K)		12,225	20,000	16,006	18,379	20,959	23,669	26,247	28,805
OT HOURS		278,669	414,765	357,350	401,896	448,906	496,514	539,283	579,569
# BOY NEW		508,878	594,753	586,580	663,133	581,073	521,492	444,366	356,147
TOTAL D'TLS		13	25	20	20	20	20	20	20
AVG. GRADE		12.17	11.65	11.69	11.56	11.59	11.67	11.75	11.85
RECEIPTS		384,209	395,709	404,947	381,626	412,538	445,953	482,075	521,123
RECEIPTS TO BE EXAMINED		384,209	395,709	400,793	339,423	407,684	440,707	476,404	514,993
REG PROD		275,008	293,432	297,755	389,999	432,196	479,055	522,459	565,907
TOT PROD		288,315	314,454	314,820	409,191	453,633	502,766	548,212	593,584
DISPOSALS		279,345	292,536	305,400	396,900	440,000	487,700	531,800	575,800
FIRST ACTS		297,285	336,371	324,240	421,483	467,266	517,832	564,624	611,369
FA Monthly Output			27020	35124	38939	43153	47052	50947	
PEND FA		21.1	21.4	21.4	20.1	16.8	14.6	11.2	8.0
PEND FA calculated by FA Output				24.5	16.5	13.4	10.3	7.6	5.1
PEND IS/AB		29.1	31.3	31.3	31.4	30.1	26.8	24.6	21.2
PEND IS/AB calculated by FA Output						26.5	23.4	20.3	17.6
# SPE'S		294	364	359	399	440	481	520	557
#PAT'S PRTD		152104	178,913	160,000	213,969	245,493	272,109	297,838	323,012

#2 added assumptions

1,000 Examiner Hiring Levels

Trainers for New Hires

10% Dropout in FY 07

Efficiency gain from Outsourcing the Search

Patentability Reports 20% FY 07/11

Claims reduction - 2.5% in FY 06 / 5% in FY 07/11

Reduction in filings from Continuation Limitation 2.5% in FY 06 / 2.5% in FY 07 (5% Total)

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

Plus #1 BASE Assumptions

Adjusted for Complexity Factor

PGPub Outsourced Savings FY 06/11

PCT Oulsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07CONG.P11 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011		
<b>Receipts:</b>									
UPR Filings growth @	384,209	415,330	448,972	485,338	524,651	567,147	613,086		
Growth Rate	8.0%	8.1%	8.1%	8.1%	8.1%	8.1%	8.1%		
Less 15% for discontinued continuation	10,383	67,346	72,801	78,698	85,072	91,963			
UPR Filings	404,947	381,626	412,538	445,953	482,075	521,123			
Less Abandonment Rate 1% during initial	4,153	4,490	4,853	5,247	5,671	6,131			
UPR Filings TO BE Examined	400,793	377,136	407,684	440,707	476,404	514,993			
10% Dropout		339,423							
Examiner Hires:	959	1,000	1,000	1,000	1,000	1,000	1,000		
Attrition rate:	10%	10%	9%	8%	7%	7%	7%		
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%		
Efficiency Gains		2.500%	20.000%	20.000%	20.000%	20.000%	20.000%		
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	25.1	29.8	29.7	29.5	29.4	29.2
GS-7	31.5	31.4	31.45	31.9	37.9	37.7	37.5	37.3	37.2
GS-9	50.4	45.3	47.85	48.6	57.7	57.4	57.1	56.8	56.5
GS-11	62.7	54.2	58.45	59.3	70.5	70.1	69.8	69.4	69.1
GS-12	68.3	67.1	67.7	68.7	81.6	81.2	80.8	80.4	80.0
GS-13	81	79.4	80.2	81.4	96.7	96.2	95.7	95.2	94.8
GS-14	91.5	89.8	90.65	92.0	109.3	108.7	108.2	107.6	107.1
GS-15	103.1	99.3	101.2	102.7	122.0	121.4	120.8	120.2	119.6
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/11									
Chap II reduction 25%-08 50%-09/11									
Total PCT PU savings	913	1,250	3,255	8,020	13,342	14,202	15,114		
Examiner PCT PUs	14,234	14,806	13,764	10,020	5,781	6,068	6,372		
Examiner FTE	158	165	153	112	64	68	71		
Competitive Sourcing:	0	35	37	39	42	44	47		
PGPub FTE redirected to examination									
Overtime:	86	85	85	85	85	85	85		
Overtime hours per examiner FTE									
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34		
New Hire Trainers	5	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53		
Exm Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12		
Allowance Rate	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%		

SUMMARY		FY 2004		ACTUAL DATA					
		6/24/05 12:00 07OMB.P39Emod		06 Pres					
YEAR		2004	2005	2006	2007	2008	2009	2010	2011
EOY STAFF		3,681	4,091	4,723	4,631	5,166	5,708	6,265	6,786
PROF W-Y		3,550	3,649	4,149	4,121	4,676	5,259	5,859	7,274
# HIRED		443	860	900	1,000	1,000	1,000	1,000	6,899
# ATTRITED		336	414	337	418	423	417	400	1,000
Net Positions		107	446	563	582	577	583	600	475
OVERTIME(K)		13,373	14,360	20,000	17,885	21,225	24,965	29,100	31,755
OT HOURS		303,459	311,496	414,765	370,904	420,796	473,270	527,269	34,265
# BOY NEW		443,852	508,878	594,753	607,837	673,347	543,549	453,667	575,375
TOTAL D'TLS		12	25	25	28	29	31	32	620,855
AVG. GRADE		12.41	11.96	11.65	11.75	11.57	11.56	11.63	188,042
RECEIPTS		355,527	376,900	395,709	389,513	359,975	381,565	404,430	11.71
RECEIPTS TO BE EXAMINED		355,527	376,900	395,709	385,518	355,740	377,076	399,672	449,064
REG PROD		272,372	277,845	293,432	296,456	391,424	436,042	485,695	531,173
TOT PROD		287,752	296,535	314,454	315,254	412,751	460,029	512,419	576,801
DISPOSALS		287,188	295,456	292,536	310,500	406,600	453,100	504,700	560,335
FIRST ACTS		288,316	297,614	336,371	320,008	418,903	466,958	520,138	608,268
PEND FA <small>calculated by FA output</small>					22.5	15.6	11.7	7.7	599,100
PEND IS/AB					31.3	35.2	25.6	21.7	617,436
# SPE'S		278	315	364	356	398	439	482	4.0
#PAT'S PRTD		170,664	176,837	178,913	178,173	234,895	271,005	301,881	0.4
									360,486

## Plus #3 Added Assumptions

Patentability Reports - 15% gain beginning in FY 07

10% Drop out in FY 07 inventory

10% reduction in filings from Patentability Reports

No Outsourcing of the US Search

Claims reduction - 2.5% in FY 06/2.5% in FY 07 (5% Total)

5% reduction in filings from Continuation Limitation

## #2 added assumptions

1,000 Examiner Hiring Levels

Trainers for New Hires

FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%

## Plus #1 BASE Assumptions

Adjusted for Complexity Creep

PGPub Outsourced Savings FY 06/11

PCT Outsourced Savings FY 06/11

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 07OMB.P39Emod Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011
<b>Receipts:</b>							
UPR Filings grow @ 6%	376,900	399,500	423,500	448,900	475,800	504,300	534,600
Less 5% for discontinued continuation	2.5%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
UPR Filings	9,988	63,525	67,335	71,370	75,645	80,190	
Less Abandonment Rate 1% during	3,995	4,235	4,489	4,758	5,043	5,346	
UPR Filings TO BE Examined	385,518	355,740	377,076	399,672	423,612	449,064	
10% Inventory Reduction		66,635					
Net Filings		289,105					
Examiner Hires:	860	1,000	1,000	1,000	1,000	1,000	1,000
Attrition rate:	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep		-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
Efficiency Gains		0.025	0.200	0.200	0.200	0.200	0.200
FY 04							
Actual							
GS-5	25.4	25.5	30.3	30.2	30.0	29.9	29.7
GS-7	31.5	31.6	37.6	37.4	37.2	37.0	36.8
GS-9	50.4	50.6	60.1	59.8	59.5	59.2	59.0
GS-11	62.7	63.0	74.8	74.4	74.1	73.7	73.3
GS-12	68.3	68.6	81.5	81.1	80.7	80.3	79.9
GS-13	81	81.4	96.7	96.2	95.7	95.2	94.7
GS-14	91.5	91.9	109.2	108.6	108.1	107.6	107.0
GS-15	103.1	103.6	123.0	122.4	121.8	121.2	120.6
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	1,250	4,078	9,496	15,284	15,856	16,462	
Examiner PCT PUs	18,423	16,236	11,496	6,428	6,619	6,821	
Examiner FTE	201	177	126	70	72	75	
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination	35	37	39	42	44	47	
<b>Overtime:</b>							
Overtime hours per examiner FTE	90	90	90	90	90	90	
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	55	55	55	55	55	55	
Quality initiatives	39	42	48	50	57	57	
New Hire trainers	30	30	30	30	30	30	
CLE Training	20	21	22	23	24	25	
Exmr Tech Trng 8 hrs >=GS12	10	13.7	14.4	16	17.6	19.1	
<b>Allowance Rate</b>	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	

2004	1700	68	5	7
2004	1700	68	6	9
2004	1700	68	7	8
2004	1700	68	8	5
2004	1700	68	10	3
2004	1700	68	11	1
2004	1700	68	14	1
2004	1700	68	16	1
2004	1700	68	20	1
2004	1700	69	1	6
2004	1700	69	2	4
2004	1700	69	3	8
2004	1700	69	4	7
2004	1700	69	5	14
2004	1700	69	6	4
2004	1700	69	7	8
2004	1700	69	8	2
2004	1700	69	9	3
2004	1700	69	11	1
2004	1700	69	13	1
2004	1700	69	20	1
2004	1700	70	1	2
2004	1700	70	2	3
2004	1700	70	3	9
2004	1700	70	4	10
2004	1700	70	5	12
2004	1700	70	6	9
2004	1700	70	7	5
2004	1700	70	8	3
2004	1700	70	9	2
2004	1700	70	10	4
2004	1700	70	11	1
2004	1700	70	12	1
2004	1700	70	13	1
2004	1700	70	14	1
2004	1700	70	18	1
2004	1700	70	19	1
2004	1700	71	1	3
2004	1700	71	2	3
2004	1700	71	3	3
2004	1700	71	4	11
2004	1700	71	5	7
2004	1700	71	6	7

**Key Model Assumptions****Without Bush Administration Plan (Red Diamond)**

Bush Administration Plan - Proposed with:

Increased Filings - 6% instead of 5.5%

Hiring at attrition level only - FY 05/10 2986

Attrition Rate FY 05/10 8%

Decrease in Overtime Usage - 90 hrs/FTE instead of 100 hrs/FTE

Adjusted for Complexity Creep

No PCT or US Search Outsourcing

**1,000 Hires & Low Attrits (Yellow Circle)**

Increased Hiring Level - 1,000 Examiners

Decreased Attrition Rate - FY 06 10%; FY 07 9%; FY 06 8%; FY 07/11 7%

PCT Outsourcing Savings FY 06/11

Outsourcing of the US Search - Goal Adjustment Shifted to

Begin in FY 09 Instead of FY 08 at 1/2 the level and 1/2 the gain

Increased Filings - 6% instead of 5.5%

Decrease in Overtime Usage - 90 hrs/FTE instead of 100 hrs/FTE

Adjusted for Complexity Creep

**Plus Claims and Continuation Limits (Blue Circle)**

Claims Reduction - 2.5% in FY 06 - Additional 2.5% in FY 07 (5% Total)

5% Reduction in Filings from Limits on Continuations

Increased Hiring Level - 1,000 Examiners

Decreased Attrition Rate - FY 06 10%; FY 07 9%; FY 06 8%; FY 07/11 7%

PCT Outsourcing Savings FY 06/11

Outsourcing of the US Search - Goal Adjustment Shifted to

Begin in FY 09 Instead of FY 08 at 1/2 the level and 1/2 the gain

Increased Filings - 6% instead of 5.5%

Decrease in Overtime Usage - 90 hrs/FTE instead of 100 hrs/FTE

Adjusted for Complexity Creep

**Plus Patentability Report (Purple X)**

Patentability Reports - 15% Gain Beginning in FY 07

10% Drop in Inventory; 10% Reduction in Filings

No Outsourcing of the US Search

Claims Reduction - 2.5% in FY 06 - Additional 2.5% in FY 07 (5% Total)

5% Reduction in Filings from Limits on Continuations

Increased Hiring Level - 1,000 Examiners

Decreased Attrition Rate - FY 06 10%; FY 07 9%; FY 06 8%; FY 07/11 7%

PCT Outsourcing Savings FY 06/11

Increased Filings - 6% instead of 5.5%

Decrease in Overtime Usage - 90 hrs/FTE instead of 100 hrs/FTE

Adjusted for Complexity Creep

<b>Pendency Savings</b>					
	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Savings</b>
<b>Proposal</b>	<b>Pendency</b>	<b>Savings</b>	<b>Pendency</b>	<b>Savings</b>	
Without Bush Administration Plan	<b>37.3 mos</b>	<b>0 mos</b>	<b>47 mos</b>	<b>0 mos</b>	
1,000 Hires & Low Attrits	<b>33.4 mos</b>	<b>3.9 mos</b>	<b>32.9 mos</b>	<b>32.9 mos</b>	<b>14.1 mos</b>
Plus Claims & Continuations Limits	<b>32.9 mos</b>	<b>4.4 mos</b>	<b>29.3 mos</b>	<b>29.3 mos</b>	<b>17.7 mos</b>
Plus Patentability Reports	<b>25.6 mos</b>	<b>11.7 mos</b>	<b>14.0 mos</b>	<b>14.0 mos</b>	<b>33.0 mos</b>

## **CERTIFICATION ANALYSIS UNDER THE REGULATORY FLEXIBILITY ACT**

**Changes to Practice for Continued Examination Filings,  
Patent Applications Containing Patentably Indistinct Claims, and  
Examination of Claims in Patent Applications**

**Prepared for:**  
**United States Patent and Trademark Office**

**Prepared by:**  
**ICF International**



**June 29, 2007**

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## Abbreviations and Acronyms

AIPLA	American Intellectual Property Law Association
CFR	Code of Federal Regulations
ESD	Examination Support Document
FY	Fiscal Year
FR	Federal Register
NAICS	North American Industry Classification System
PALM	Patent Application Location and Monitoring
PCT	Patent Cooperation Treaty
RCE	Request for Continued Examination
SBA	Small Business Administration
SRR	Suggested Restriction Requirement
USC	United States Code
USPTO	United States Patent and Trademark Office

## Executive Summary

The United States Patent and Trademark Office (USPTO) is revising the rules of practice in patent cases relating to continuing applications and requests for continued examination (together referred to as "continued examination filings"), and for the examination of claims in patent applications.

The final rule is intended to ensure that continued examination filings are used efficiently to move applications forward. In addition, the final rule requires applicants with a large number of claims to share the burden of examining the application by submitting an examination support document covering all of the claims in the application (whether in independent or dependent form). The USPTO expects that the changes to the rules of practice in this final rule will lead to more focused and efficient examination, improve the quality of issued patents, result in patents that issue faster, and give the public earlier notice of just what patentees claim and address the growing practice of filing (by a common applicant or assignee) of multiple applications containing patentably indistinct claims.

In response to comments addressing the proposed rules that were critical of the USPTO's decision to certify the new rules as not having a significant economic impact on a substantial number of small entities, the USPTO has revised its certification analysis to more precisely estimate the final rule's impact on small entities. In this report, the USPTO describes its revised methodology and the results of the certification analysis.

To evaluate significant impact, the study considers the ratio of Annualized Incremental Cost as a Percent of Revenue. Impacts are evaluated relative to two screening thresholds:

- Entities at or above a threshold value of three percent are presumed to face significant impacts unless additional analysis on these entities indicates this will not be the case.
- Entities at or above a threshold value of one percent are presumed to face more moderate impacts that qualify as significant if collectively incurred by a substantial number of small entities, as discussed below.

For purposes of analyzing this rulemaking, the smallest business is modeled as a sole proprietor who currently is capable of paying for or financing all necessary patent application costs and maintenance fees (under current rules) associated with an application of a type that would be affected by the final rule. This study assumes that the minimum annual revenue that would support an individual's living expenses, as well as his/her patent application and maintenance costs, is \$75,000.

The analysis assumes that a "substantial number" of small entities exists if the number of entities impacted at a given impact threshold (e.g., three percent) constitutes more than 20 percent of all small entities that apply for patents.

This analysis estimates that the final rule will result in incremental costs that range from \$872 to \$13,993 per application (present value).<sup>1</sup> Based on the methodology and data described in this report, the resulting analysis indicates that no patent applicants will incur significant impacts (defined as annualized incremental costs in excess of three percent of revenue) due to the final rule. Although some applicants will exceed the lower screening threshold of one percent, the number of small entities in this category is estimated at only 54, or about 0.05 percent of all small entity applicants. Even using data for all applicants as a sensitivity analysis, only 157 small entity applicants fall into this category – about 0.04 percent of all applicants. These figures do not meet the criterion for a “substantial number” of small entities. Therefore, this analysis concludes that USPTO’s final rule will not result in significant economic impacts on a substantial number of small entities.

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<sup>1</sup> Current patent filing and maintenance costs for applicants that would be affected by the final rule are estimated at between \$19,940 and \$49,155.

## 1. Need for and Objectives of the Rule

The United States Patent and Trademark Office (USPTO) is revising the rules of practice in patent cases relating to continuing applications and requests for continued examination (together referred to as "continued examination filings"), and for the examination of claims in patent applications. This section of the report provides background information and briefly discusses the need for and objectives of the rule. Following some initial background information in Section 1.1 regarding how the patent application process currently works, and in Section 1.2 regarding USPTO's proposed rules and small entity certifications, Section 1.3 briefly describes the final rule revisions and the objectives they are designed to meet. These changes will allow the USPTO to conduct a better and more thorough and reliable examination of patent applications.

### 1.1 *Background*

To provide context for understanding the need for and objectives of the final rule, this section presents an overview of the current patent application review process. When an inventor wants to establish ownership of an invention by patenting it, s/he prepares and submits a patent application to the USPTO. One of the key elements of a patent application is the statement of "claims." In the context of a patent or patent application, claims provide the legal description that bounds whatever the inventor is claiming as his or her invention. There are two types of claims: independent and dependent. An independent claim stands by itself as a description of the invention or an aspect of the invention. Dependent claims, in the simplest of terms, reference an independent claim and cannot stand on their own. In some cases, dependent claims may describe ancillary features, (e.g., "bells and whistles") related to the more fundamental independent claims. In FY 2006, the number of independent claims in patent applications under review by the USPTO ranged from 1 to over 50, and the number of total claims ranged from 1 to over 350. According to USPTO staff, a typical patent application has 20 total claims, while an average patent application has approximately 21 total claims, including approximately 3 independent claims.

According to USPTO staff estimates, over 90 percent of patent applicants use a patent attorney to prepare and prosecute their patent applications. A typical patent application contains many elements, including specifications, claims, and drawings. Most applicants (55 percent) conduct a patent search and include a description of it in the application, although this is not a requirement and many applicants (45 percent) do not conduct a patent search.

### The Application Process

Once an applicant submits his or her patent application, a USPTO patent examiner examines the application. Following the initial examination, the USPTO will take an "initial first action" on the application. If the patent examiner's initial first action is a rejection, then the applicant may file a response to the USPTO's initial first action. In

general, the applicant's response will modify the application in some respect, including by deleting claims (usually) or adding claims (occasionally). Following this response, the patent examiner will issue his or her final action on the patent application.

If the USPTO does not grant the patent in the final action, the patent applicant may pursue further prosecution of the rejected application. The process that the applicant pursues varies by case, and there is not a "typical" prosecution path through the patent approval system. However, for the purposes of this final rule, this analysis describes one of the application prosecution paths that would trigger the final rule's continued examination filing requirements, which are described in Section 1.3.

Following the USPTO's final action, an applicant may decide to file a continuation application. A continuation is considered a separate application relative to the initial application. However, everything that the inventor claims in the original application is once again claimed in the continuation application, and it should not include any new matter. (If the applicant wishes to add new subject matter, the applicant would instead file a continuation-in-part.) Similar to the initial application, the USPTO takes a first action on the continuation and the applicant will be able to respond to that first action if necessary by deleting or adding claims or making other modifications. Following the applicant's response, the USPTO issues its final action on the first continuation.

If the final action on the continuation is a rejection, the applicant may continue prosecution of his or her application by filing a second continuation application. As described for the first continuation, the USPTO issues a first action, and the patent applicant may submit a response to the first action on the second continuation. Following the applicant's response, the USPTO issues its final action on the second continuation.

The patent applicant may then decide to file a "request for continued examination" (or "RCE"). An RCE is not a separate application; instead it is a request for continued examination of an application (initial, continuation, or continuation-in-part), without requiring the applicant to file a continuing application. Although an RCE is not considered an application, the USPTO responds with a first action, and the applicant may respond to the first action. After this response, the USPTO issues its final action on the RCE.

If the final action on the RCE is a rejection, the applicant may continue prosecution of his or her application by filing a third continuation application, and so on. The baseline (i.e., current) application cost estimated in this study assumes that the USPTO grants the patent after the third continuation and after the applicant pays the USPTO's issue fee.<sup>2</sup>

Over the 20-year lifespan of the patent, the USPTO requires patent holders to pay three patent maintenance fees. These fees are due 3 1/2, 7 1/2, and 11 1/2 years from the date of the original patent grant.

<sup>2</sup> Applicants that are issued patents earlier in the process would incur lower costs but would not be affected by the final rule's requirements for continued examination filings.